

UNITED STATES DISTRICT COURT  
DISTRICT OF NEW JERSEY

**IN RE: JOHNSON & JOHNSON  
TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES,  
AND PRODUCTS LIABILITY  
LITIGATION**

**MDL No. 16-2738 (FLW) (LHG)**

This Document Applies to All Actions Filed  
Against Defendant Personal Care Products  
Council

**DECLARATION OF THOMAS T. LOCKE IN SUPPORT OF  
PERSONAL CARE PRODUCTS COUNCIL'S OPPOSITION TO PLAINTIFFS'  
MOTION TO EXCLUDE THE OPINIONS OF JONATHAN BORAK, M.D., DABT**

I, Thomas T. Locke, do hereby declare under penalty of perjury that the following is true and correct to the best of my personal knowledge:

1. I am an attorney with Seyfarth Shaw LLP, counsel for Defendant Personal Care Products Council ("PCPC") in the above-captioned matter.
2. I am over 18 years of age and have personal knowledge of the matters set forth herein.
3. I submit this declaration to place certain documents before the Court and in support of PCPC's Opposition to Plaintiffs' Motion to Exclude the Opinions of Jonathan Borak, M.D., DABT.
4. A true and correct copy of Dr. Jonathan Borak's Curriculum Vitae is attached hereto as **Exhibit 1**, and was identified as Exhibit 2 to the Deposition of Dr. Borak.
5. A true and correct copy of the invoices generated by Dr. Jonathan Borak in connection with his engagement for talc-ovarian cancer litigation is attached hereto as **Exhibit 2**, and was identified as Exhibits 3 and 30 to the Deposition of Dr. Borak.

EXECUTED this 29th day of May 2019

Washington, D.C.

By: 

Thomas T. Locke  
SEYFARTH SHAW LLP  
975 F Street, N.W.  
Washington, DC 20004  
T: (202) 828-5376  
F: (202) 828-5393  
[tlocke@seyfarth.com](mailto:tlocke@seyfarth.com)

*Attorney for Defendant Personal Care  
Products Council*

Ex. 1

BORAK, Jonathan Benjamin

Page 1 of 27

**BORAK, Jonathan Benjamin**

**BUSINESS ADDRESS:**

Office: Jonathan Borak & Company  
234 Church Street, New Haven, Connecticut, 06510  
(203) 777-6611 Fax: (203) 777-1411  
Email: [jborak@jborak.com](mailto:jborak@jborak.com)

Hospital: Occupational and Environmental Medicine Program  
Yale School of Medicine  
135 College Street, New Haven, Connecticut 06510  
Telephone: (203) 785-5885  
Email: [jonathan.borak@yale.edu](mailto:jonathan.borak@yale.edu)  
<https://medicine.yale.edu/intmed/people/specialtypepeople/jonathanborak.profile>

**CURRENT APPOINTMENTS:**

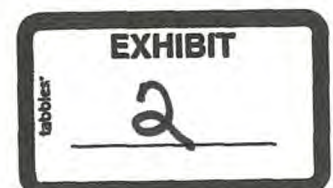
Clinical Professor of Medicine, Yale University  
Adjunct Associate Professor of Medicine, John Hopkins University  
Member, Yale Program in Occupational and Environmental Medicine  
President, Jonathan Borak & Company

**EDUCATION:**

1968	BA (Cum Laude)	Amherst College
1972	MD	New York University
1974-76	Graduate Studies in Economics	McGill University

**PROFESSIONAL TRAINING:**

1972-73	Internship, Department of Medicine, Royal Victoria Hospital, Montreal, Quebec
1973-74	Junior Assistant Resident, Department of Medicine, Royal Victoria Hospital, Montreal, Quebec
1974-75	Clinical and Research Fellow, Department of Medicine, Royal Victoria Hospital, Montreal, Quebec
1975-76	Senior Assistant Resident, Department of Medicine, Royal Victoria Hospital, Montreal, Quebec
1976-77	Resident, Department of Medicine, Royal Victoria Hospital, Montreal, Quebec
1977-78	Clinical Fellow, Section of Gastroenterology, Yale-New Haven Hospital, New Haven, Connecticut



BORAK, Jonathan Benjamin

Page 2 of 27

**COMPETITIVE FELLOWSHIPS, AWARDS and HONORS:**

- |         |   |
|---------|---|
| 1974-76 | Clinical Scholar, Robert Wood Johnson Foundation.   |
| 1977-78 | Research Fellowship, Conseil de la Recherche en Sante du Quebec   |
| 1994    | President's Award, American College of Occupational and Environmental Medicine  |
| 1996    | Meritorious Service Award, American College of Occupational and Environmental Medicine  |
| 2002    | President's Award, American College of Occupational and Environmental Medicine  |
| 2003    | Adolph G. Kammer Merit in Authorship Award, American College of Occupational and Environmental Medicine<br><br>"To recognize the author(s) of the most outstanding article published in <i>Journal of Occupational and Environmental Medicine</i> during the past year."  |
| 2004    | Robert A. Kehoe Award of Merit Recognition, American College of Occupational and Environmental Medicine<br><br>"Presented to an individual for significant contributions made to academic excellence or research in the disciplines of occupational medicine, environmental medicine, and/or environmental health." |
| 2005    | George H. Gerchman Memorial Prize, American College of Occupational and Environmental Medicine  |
| 2008    | President's Award, American College of Occupational and Environmental Medicine  |
| 2009    | Certificate of Recognition, Elsevier's Top 10 Cited Articles for 2007-08<br><br>Borak J, Hosgood HD: Seafood Arsenic: Implications for human risk assessment. <i>Regulatory Toxicology and Pharmacology</i> 2007; 47:204-212  |
| 2010    | Fellow of the Academy of Toxicological Sciences   |
| 2012    | Harriet Hardy Award, New England College of Occupational and Environmental Medicine<br><br>"For a physician who exemplifies the highest ideal of occupational and environmental medicine practice."   |
| 2012    | Fellow of the American Industrial Hygiene Association   |
| 2015    | Nominee, Inspiring Yale<br><br>Nomination by Yale Graduate & Professional Student Senate for recognition as Most Inspiring Teacher at Yale  |

**PROFESSIONAL CERTIFICATION:**

Fellow, American College of Physicians  
 Fellow, American College of Occupational and Environmental Medicine  
 Fellow, Royal College of Physicians of Canada  
 Fellow, Academy of Toxicological Sciences  
 Diplomate, American Board of Internal Medicine  
 Diplomate, American Board of Preventive Medicine

BORAK, Jonathan Benjamin

Page 3 of 27

Diplomate, American Board of Toxicology  
Diplomate, National Board of Medical Examiners  
Licentiate, Medical Council of Canada

**PROFESSIONAL EXPERIENCE:**

**CLINICAL and TEACHING ACTIVITIES**

2008-Current Clinical Professor of Medicine, Yale University  
2007-2017 Clinical Professor of Epidemiology & Public Health, Yale University  
2003-Current Adjunct Associate Professor of Medicine, Johns Hopkins University  
2000-2010 Director, Yale University Interdisciplinary Risk Assessment Forum  
1999-2007 Associate Clinical Professor of Epidemiology & Public Health, Yale University  
1993-2008 Associate Clinical Professor of Medicine, Yale University.  
1983-1993 Assistant Clinical Professor of Medicine, Yale University.  
1981-1983 Clinical Instructor of Internal Medicine, Yale University.  
1988-2001 Courtesy Attending Physician, Department of Emergency Medicine, Hospital of St. Raphael, New Haven, Connecticut.  
1988-1998 Consulting Physician (Internal Medicine, Emergency Medicine, Toxicology), Hospital of St. Raphael, New Haven, Connecticut.  
1980-1988 Director, Section of Emergency Medicine, Hospital of St. Raphael, New Haven, Connecticut.  
1979-1988 Associate Attending Physician, Department of Ambulatory Services, Hospital of St. Raphael, New Haven, Connecticut.  
1986 Visiting Professor, St. George's University School of Medicine, Kingstown Medical College, St. Vincent, W.I.  
1978-80 Attending Physician, Department of Ambulatory Services, Mercy Hospital, Springfield, Massachusetts.  
1978-79 Attending Physician, Emergency Physicians Incorporated, Chicopee, Massachusetts.

**YALE UNIVERSITY TEACHING ACTIVITIES**

**Courses Taught: 1997-Current**

1998-2017 EHS 511b. Principles of Risk Assessment: Course Director  
Graduate-level course listed in the School of Public Health, Department of Environmental Health Sciences. This course is also listed as a graduate-level course in the School of Forestry and Environmental Studies (F&ES 893b).  
2002-2016 EHS 503a. Principles of Toxicology: Course Director  
Graduate-level course listed in the School of Public Health, Department of Environmental Health Sciences. This course was also listed as a graduate-level course in the School of Forestry and Environmental Studies (F&ES 96005a).

BORAK, Jonathan Benjamin

Page 4 of 27

2012-Current EHS 575a Introduction to Occupational and Environmental Medicine: Lecturer  
Graduate-level course listed in the School of Medicine, Department of Epidemiology and Public Health and the Department of Internal Medicine.

2011-Current EHS 573b Epidemiological Issues in Occupational and Environmental Medicine: Lecturer  
Graduate-level course listed in the School of Medicine, Department of Epidemiology and Public Health and the Department of Internal Medicine.

2001-2010 EHS 551a and b. Seminar in Environmental Health: Lecturer  
Graduate-level course listed in the School of Medicine, Department of Epidemiology and Public Health.

2005-2016 Interdisciplinary Center for Bioethics Summer Internship Program: Lecturer  
International program for undergraduate and graduate students, supported by the Donaghue Medical Research Foundation

2012-2015 EHS 510a (Principles of Environmental Health): Lecturer  
Graduate-level course listed in the School of School of Public Heal, Department of Environmental Health Sciences.

2014 EHS 525a (Seminar and Journal Club in Environmental Health): Lecturer  
Graduate-level course listed in the School of School of Public Heal, Department of Environmental Health Sciences.

2005-2016 EPH 500 (Introduction to Epidemiology and Public Health): Lecturer  
Graduate-level (second-year required) course in the School of Medicine.

2006-2012 Faculty Advisor, Yale Center for Environmental Law & Policy  
The Center is a joint initiative between the Yale School of Forestry & Environmental Studies and the Yale Law School.

2005-2015 EHS 508a Assessing Exposures to Environmental Stressors: Lecturer  
Graduate-level course listed in the School of Medicine, Department of Epidemiology and Public Health.

2008-2010 FES 96017. Fundamentals of Environmental Health: Lecturer  
Graduate-level course listed in the School of Forestry and Environmental Studies.

2002-2007 EHS 510b. Fundamentals of Environmental Health & Risk Assessment: Lecturer  
Graduate-level course listed in the School of Medicine, Department of Epidemiology and Public Health.

2000-2003 EHS 580a. Special Topics in Society and Risk Assessment: Course Director  
Graduate-level course listed in the School of Medicine, Department of Epidemiology and Public Health.

1999-2002 EHS 509a. Environmental Toxicology: Lecturer  
Graduate-level course listed in the School of Medicine, Department of Epidemiology and Public Health, and cross-listed in the School of Forestry and Environmental Studies.

#### **Thesis and Dissertation Committees**

2017 Primary Advisor: Jie Wu: "Toxicology and Pharmacokinetics of Perfluorooctanoic Acid (PFOA)". Thesis for MPH in Environmental Health Sciences, Yale School of Public Health.

BORAK, Jonathan Benjamin

Page 5 of 27

- 2015 Primary Advisor: Shae Selix: "Critical Review and Stratified Meta-Analysis of Lung Cancer Risk in Petroleum Refinery Workers. Thesis for MPH in Environmental Health Sciences, Yale School of Public Health.
- 2012 Committee Member. Sanjay Baliga: "Assessing the Capacity of Countries to Manage the Human Health and Ecosystem Risk of Chemicals: Using Stakeholder Input to Evaluate Risk Management Programs in Tanzania". Dissertation for PhD in Environmental Policy, Yale School of Forestry and Environmental Studies.
- 2008 Primary Advisor: Catherine Salipante-Zaidel: "Markov Chain Analysis of the Use of Beryllium Lymphocyte Proliferation Tests for Screening of Asymptomatic Individuals". Masters Thesis for MEE, Yale School of Forestry and Environmental Studies.
- 2005 Primary Advisor: H. Dean Hosgood: "Silica and Lung Cancer: Industrial Hygiene Methods and Mathematical Modeling Revisited". Thesis for MPH in Environmental Health Sciences, Yale School of Medicine
- 2003 Committee Member: Carlos Gonzalez: "The Beef Hormone Ban in the European Union and the Role of the WTO in Resolving Scientific Barriers to Trade". Dissertation for PhD in Environmental Policy, Yale School of Forestry and Environmental Studies.
- 2002 Primary Advisor: Susan Chemerynski: "Methodological Uncertainties in the Exposure Assessment of Diesel Particulate Matter: Implications for Risk Assessment". Thesis for MPH in Environmental Health Sciences, Yale School of Medicine
- 2002 Committee Member: Montira Pongisiri: "Institutional Capacity to Assess and Manage Risk-Tradeoffs: The DDT/Malaria Dilemma". Dissertation for PhD in Environmental Policy, Yale School of Forestry and Environmental Studies

#### Other Yale Activities

2013-Current Member, Clinical Competency Committee, Yale Program in Occupational and Environmental Medicine

This committee is responsible for the review and evaluation of the professional development of medical residents and fellows in Yale's OEM training program.

2013 Faculty Mentor, Edward A. Bouchet Undergraduate Fellowships Program

This program provides financial and academic research support to minority students at Yale College who have determined to pursue careers in academics.

2002-2010 Director, Yale Interdisciplinary Risk-Assessment Forum

This program, a cooperative project underwritten by Yale's Institution for Social and Policy Studies, School of Public Health, and School of Forestry and Environmental Studies, organized and hosted a regular schedule of lectures, seminars and other educational activities

#### ORGANIZATIONAL ACTIVITIES

##### United States Environmental Protection Agency

1996-2006 National Advisory Committee to Develop Acute Exposure Guideline Levels for Hazardous Substances (NAC/AEGL)

##### National Research Council (National Academy of Sciences)

2001-2005 Subcommittee on Toxicologic Assessment of Low-Level Exposures to Chemical

BORAK, Jonathan Benjamin

Page 6 of 27

*Warfare Agents*

**National Institute of Occupational Safety and Health**

2011-2012 External Review Panel – “Criteria for a Recommended Standard: Occupational Exposures to Diacetyl and 2,3-Pentanedione”

**National Institute of Environmental Health Sciences**

2009-2010 Review Panel – RFA ES-09-001 – Partnership for Environmental Public Health

**American College of Occupational and Environmental Medicine**

1999-2002 Board of Directors  
 1999-2002 Board Finance Committee  
 1993-Current Council on Scientific Affairs (Chair 1999-2012)  
 2008-Current Council on Public Affairs  
 2003-2004 Planning Committee, 2005 American Occupational Health Conference  
 1997-2002 Council on Conferences (Associate Chair 1998-2002)  
 1993-1999 Course Director, Core Curriculum in Environmental Medicine.  
 1992-2008 Committee on Environmental Medicine (Chair 1993-96)  
 1993-2000 Committee on Medical Surveillance (Chair 1998-2000)  
 1996-1998 Seminar Chair, 1998 American Occupational Health Conference  
 1992-1993 Scientific Chair, 1993 State-of-the-Arts Conference  
 1997-2002 Committee on Conferences (Associate Chair 1997-2002)  
 1995-2006 Committee on Government Affairs  
 1992-1997 Committee for Liaison with Government Agencies  
 1995-1997 Committee on Distance Learning (Associate Chair 1996-1997)  
 1993-1996 Occupational Medicine Self-Assessment Program  
 1993-1997 House of Delegates

**International Dose-Response Society** (previously the International Hormesis Society)

2005-Current Executive Committee

**Cyanide Poisoning Treatment Coalition**

2006-2009 Board of Directors

**American Industrial Hygiene Association**

1990-2000 Committee on Emergency Response Planning  
 2010-Current Committee on Occupational Medicine

**Connecticut Academy of Science and Engineering**

2010-2010 CASE Artificial Turf Study Peer Review Committee

**Connecticut State Medical Society**

1994-1996 Section of Preventive Medicine (Chairman 1994-96)  
 1983-1994 Committee on Emergency Medical Services (Chairman 1985-1988)  
 1987-1992 Committee on Organ and Tissue Transfer

**Occupational and Environmental Medical Association of Connecticut**

1992-1998 Board of Directors  
 1994-1995 President  
 1993-1994 President-Elect  
 1992-1993 Secretary-Treasurer

**American College of Emergency Physicians**

1992-1994 Liaison to ATSDR Case Studies in Environmental Medicine

BORAK, Jonathan Benjamin

Page 7 of 27

1991-1994 Section of Disaster Medicine (Chair, Hazardous Materials Subsection 1991-1994)  
1988-1990 National Councilor (Alternate)  
1987-1988 National Committee on Chapter Grants  
1984-1986 National Committee on Bio-Ethics

**Connecticut Poison Control Center**

1993-1999 Medical Advisory Committee

**American College of Surgeons**

1984-1988 Associate Member, Connecticut Committee on Trauma

**American Heart Association**

1981-2000 Instructor, Advanced and Basic Cardiac Life Support  
1985-1987 National Faculty for Advanced Cardiac Life Support  
1980-1984 State Chairman, Advanced Cardiac Life Support  
1980-1984 State Emergency Cardiac Care Task Force

**Connecticut College of Emergency Physicians**

1986-1987 President  
1980-1990 Board of Directors

**Connecticut Red Cross**

1987-1992 Medical Advisory Committee on Blood Programs

**Connecticut Dept of Health Services, Office of Emergency Medical Services**

1985-1988 Helicopter Over-site Committee (Chairman, Patient Care Review)  
1987-1988 Trauma Network Committee

**Emergency Medical Systems Council of South Central Connecticut**

1980-1988 Medical Advisory Committee (Chairman 1987-1988)

**New Haven County Medical Association**

1984 Committee on Consumer Protection

**Town of North Haven, Connecticut**

1987-1995 Local Emergency Planning Committee (Chairman 1988-1990)

**Town of Branford, Connecticut**

1982-84 Ambulance Commissioner

**Shirley Frank Foundation**, New Haven, Connecticut

1983-1989 Board of Directors  
1983-1989 Chairman, Medical Treatment/Quality Assurance Committee  
1985-1989 Executive Committee

**Alcohol Services Organization of South Central Connecticut**

1981-1984 Board of Directors

**Columbus House Shelter**, New Haven, Connecticut

1981-83 Founding Member, Board of Directors

**World Figure Skating Championships**

1980-81 Medical Director

**Canadian Association of Interns and Residents**

1973-75 Board of Directors

BORAK, Jonathan Benjamin

Page 8 of 27

**Federation des Medecins Residents du Quebec**

1973-75      Treasurer

**Canadian National Committee on Physician Manpower**

1973-74      Committee Member

**PROFESSIONAL LICENSURE:**

State of Connecticut    #19428

**PROFESSIONAL ORGANIZATIONS and SOCIETIES:**

American College of Physicians  
American College of Emergency Physicians  
American College of Occupational and Environmental Medicine  
American College of Preventive Medicine  
Royal College of Physicians of Canada  
Society for Toxicology  
Society for Risk Analysis  
Society of Occupational Medicine (London)  
American Industrial Hygiene Association  
Association of Occupational and Environmental Clinics  
Medichem  
International Hormesis Society  
Ramazzini Society  
Connecticut State Medical Society  
Occupational and Environmental Medical Association of Connecticut  
New Haven County Medical Society  
New Haven Medical Association

**PUBLICATIONS and EDITORIAL ACTIVITIES:**

**Editorial Activities**

2004-Current    Editorial Board, Journal of Occupational and Environmental Medicine  
2003-Current    Editorial Board, Journal of Occupational and Environmental Hygiene  
                    Guest Editor: State of the Science of Occupational Exposure Limit Methods and  
                    Guidance; JOEH 12(Supplement 1): 2015  
2007-Current    International Advisory Board, Occupational Medicine  
1999-2004      Editorial Board, American Industrial Hygiene Association Journal  
1997-2004      Associate Editor, OEM: Occupational and Environmental Medicine Report  
1992-Current    Editorial Reviewer: American Journal of Industrial Medicine; American Journal of  
Critical Care and Respiratory Medicine; Annals of Occupational Hygiene; Annals  
of Emergency Medicine; Critical Reviews in Toxicology; Dose Response; Human  
and Ecological Risk Assessment; Inhalation Toxicology; Journal of Allergy &  
Asthma; Journal of the Air & Waste Management Association; Nonlinearity in  
Biology, Toxicology and Medicine; PLOS One; Proceedings of the American  
Thoracic Society; Psychological Reports; Regulatory Toxicology and  
Pharmacology; Toxicology and Applied Pharmacology; Toxicology & Industrial

BORAK, Jonathan Benjamin

Page 9 of 27

#### Health

- 1991-2004 Editorial Board, OEM: Occupational and Environmental Medicine Report
- 2011-2012 Peer Reviewer, NIOSH: "Criteria for a Recommended Standard: Occupational Exposures to Diacetyl and 2,3-Pentanedione"
- 1988-2010 Peer Reviewer, Case Studies in Environmental Medicine, US Agency for Toxic Substances and Disease Registry, Atlanta, Georgia
- 2006-2010 Peer Reviewer, Medical Management Guidelines for Acute Chemical Exposures, US Agency for Toxic Substances and Disease Registry, Atlanta, Georgia
- 1991-92 Peer Reviewer, Toxicology Profiles, US Agency for Toxic Substances and Disease Registry, Atlanta, Georgia
- 1979-81 Consulting Editor, Update Publications, Ltd., London

#### Books and Monographs

- Borak J, Callan M, Abbott W: Hazardous Materials Exposure: Emergency Response and Patient Care. Englewood Cliffs, NJ: Prentice Hall, 1991.
- Borak J, Callan M, Abbott W: Hazardous Materials Exposure: Emergency Response and Patient Care - Instructor's Manual. Englewood Cliffs: Prentice Hall, 1991.
- Levy B., McCunney RM, Adamowski SE, Borak J, Halperin W, McDiarmid MA, Orris P: Occupational Medicine Self-Assessment Program (3rd Ed). Arlington Heights: American College of Occupational and Environmental Medicine, 1993.
- Medical Management Guidelines for Acute Chemical Exposures. (Principal Authors: Borak J, Olsen K, Sublet V). Atlanta: Agency for Toxic Substances and Disease Registry, U.S. Department of Health and Human Services, 1994.
- Borak J (ed): Core Curriculum in Environmental Medicine. Arlington Heights, IL: American College of Occupational and Environmental Medicine, 1994.
- Russi M, Borak J: The OSHA Asbestos Standard: A Medical Compliance System. New Haven, CT: AEGIS Healthcare Systems, 1995.
- Borak J (Guest Editor): Amler R, Amler S, Balk SJ, McLellan RM (Guest Contributors): Pediatric Environmental Health (ATSDR-HE-CS-2002-0002). Case Studies in Environmental Medicine, US Agency for Toxic Substances and Disease Registry, Atlanta, 2002.
- Ducatman AM, Borak J, Kaye W, Peipens L (Guest Contributors): Investigating Disease Clusters (ATSDR-HE-CS-2002-0006). Case Studies in Environmental Medicine. Atlanta: Agency for Toxic Substances and Disease Registry, 2002.
- McCunney RJ, Rountree P, Barbanel C, Borak J, Bunn W, Levin J, Harber P (ed): A Practical Approach to Occupational and Environmental Medicine (3rd Edition). Philadelphia, Lippincott Williams & Wilkins, 2003.

#### Book Chapters and Technical Reports

- Borak J: Training and Education of Workers and Managers. In: Levy B (ed): Air Pollution in Central and Eastern Europe. Boston: Management Sciences for Health, 1991.
- Borak J, Callan M, Abbott W: Protection of the Health Care System. In: Tokle G (ed): Hazardous Materials Response Handbook (Second Edition). Quincy, MA: National

BORAK, Jonathan Benjamin

Page 10 of 27

Fire Protection Association, 1993.

Borak J: Anion and Osmolar Gaps. In: Viccellio P (ed): Handbook of Medical Toxicology (1st edition). Boston: Little, Brown, 1993.

Borak J: Worksite and Environmental Emergencies: Planning Requirements. In: McCunney RJ (ed): A Practical Approach to Occupational and Environmental Medicine. Boston: Little, Brown, 1994.

Borak J: Les nouvelles normes de qualité de l'air aux Etats-Unis: bases épidémiologiques et bénéfices attendus. In: Pollution Atmosphérique Urbaine et Santé Humaine. Paris: la Société de Pneumologie de Langue Française, 1997.

Borak J: Anion and Osmolar Gaps. In: Viccellio P (ed): Handbook of Medical Toxicology (2nd edition). Boston: Lippincott-Raven, 1998.

McKay CA, Borak J: Chlorine. In: Haddad LM, Winchester JF, Shannon M (ed): Clinical Management of Poisoning and Drug Overdose (3rd edition). Philadelphia: Saunders, 1998.

Borak J: Four Organic Pollutants in the Quinnipiac River: Effects on Human Health. In: Tyrrell ML (ed): Quinnipiac River Point Source Pollution: Is it Still a Problem? New Haven: Center for Coastal and Watershed Systems, Yale School of Forestry and Environmental Studies, 2000.

Russi M, Borak J: Chemical Hazards in Health Care Workers. In: Orford R (ed): Clinics in Occupational and Environmental Medicine: Occupational Health in the Healthcare Industry. Philadelphia: W.A. Saunders, 2001; 1(2):369-395.

Borak J: Surveillance and Monitoring for Occupational Carcinogens. In: Whysner J, Shields PG (eds): Clinics in Occupational and Environmental Medicine: Cancer in the Workplace: Agents, Mechanisms, Detection, Diagnosis, Management and Prevention. Philadelphia: W.A. Saunders, 2002; 2(4): 737-752.

Borak J: Medical Aspects of Environmental Emergencies. In: McCunney RJ, Rountree P, Barbanel C, Borak J, Bunn W, Levin J, Harber P (eds): A Practical Approach to Occupational and Environmental Medicine (3rd Edition). Philadelphia: Lippincott Williams & Wilkins, 2003; 768-773.

Borak J, Heywood JB, Parsley W, Pickett T, Widmer W: FY 2003 Two Hundred Bus Procurement: Expert Panel Report to Massachusetts Bay Transportation Authority. 10/14/2002

Borak J, Pleus R: Toxicology. In: McCunney RJ, Rountree P, Barbanel C, Borak J, Bunn W, Levin J, Harber P (eds): A Practical Approach to Occupational and Environmental Medicine (3rd Edition). Philadelphia: Lippincott Williams & Wilkins, 2003; 554-570.

Moore JS, Rose S, Borak J: Ergonomics. In: McCunney RJ, Rountree P, Barbanel C, Borak J, Bunn W, Levin J, Harber P (eds): A Practical Approach to Occupational and Environmental Medicine (3rd Edition). Philadelphia: Lippincott Williams & Wilkins, 2003; 607-623.

Borak J, Fields C, Sirianni G: The Toxicology of Complex Mixtures. In: Luttrell WE, Jederberg WM, Still KE, Robert K (ed): Toxicology Principles for the Industrial Hygienist. Fairfax: American Industrial Hygiene Association, 2008; 273-282.

BORAK, Jonathan Benjamin

Page 11 of 27

- Fields C, Borak J: Iodine Deficiency in Vegetarian and Vegan Diets: Evidence-Based Review of the World's Literature on Iodine Content in Vegetarian Diets. In: Preedy VR, Burrow GN, Watson RR (ed): Comprehensive Handbook on Iodine. Oxford: Academic Press, 2009; 521- 531.
- Borak J: Cyanide Treatment in Fire Victims. In: American Academy of Orthopedic Surgeons: Assessment and Treatment of Trauma. Sudbury, MA: Jones & Bartlett, 2010; 196-197.
- Borak J, Sirianni G: Clinical Practice of Biological Monitoring: Trichloroethylene. In: Hoffman H, Phillips S (eds): Clinical Practice of Biological Monitoring. Beverly, MA: OEM Press, 2012; 214-220.
- Borak J, Fields C, Sirianni G: The Toxicology of Complex Mixtures. In: Luttrell WE, Jederberg WM, Still KE, Robert K (ed): Toxicology Principles for the Industrial Hygienist. Fairfax: American Industrial Hygiene Association, 2019; (in press)

#### Journal Articles

- Borak J: Clinical decisions analysis [letter]. Journal of the American Medical Association, 1977; 237:641.
- Borak J: *Hypertension: A Policy Perspective* by MC Weinstein and W Stason [book review]. Annals of Internal Medicine, 1977; 87:135.
- Borak J: Data requirements for clinical decisions on renovascular hypertension. Clinical and Investigative Medicine, 1979; 2:105.
- Meyer C, McBride WJ, Goldblatt RS, Borak J, Marignani P, Contino C, McCallum R: Flexible fiberoptic sigmoidoscopy in asymptomatic and symptomatic patients: a comparative study. Gastrointestinal Endoscopy, 1979; 25:43.
- Borak J, Vasey F, Lauter S, Dorval G, Osterland CK: Immunofluorescence assay for antinuclear factor: a nonspecific test in hospitalized patients. Canadian Medical Association Journal, 1979; 121:1372.
- Abstracted in: Twenty-Fifth Rheumatism Review. Atlanta: Arthritis Foundation, 1981.
- Borak J, Vasey F, Lauter S, Dorval G, Osterland CK: Immunofluorescence assay for antinuclear factor: the meaning of specificity [letter]. Canadian Medical Association Journal, 1980; 123:474.
- Meyer C, McBride WJ, Goldblatt RS, Borak J, Marignani P, Black HR, McCallum RW: Clinical experience with flexible sigmoidoscopy in asymptomatic and symptomatic patients. Yale Journal of Biology and Medicine, 1980; 53:345.
- Borak J, Veilleux S: Does statistical training improve physician logic? Clinical Research, 1981; 29:316A.
- Borak J, Veilleux S: Prophylactic lidocaine: Uncertain benefits in emergency settings. Annals of Emergency Medicine, 1982; 11:493.
- Borak J, Veilleux S: Errors of intuitive logic among physicians. Social Science and Medicine, 1982; 16:1939.
- Bell C, Borak J, Loeffler JR: Pneumothorax in drug abusers: A complication of internal jugular venous injections. Annals of Emergency Medicine, 1983; 12:167.
- Borak J, Veilleux S: Informed consent in emergency settings. Annals of Emergency

BORAK, Jonathan Benjamin

Page 12 of 27

Medicine, 1984; 13:731.

Reprinted in Connecticut Medicine, 1984; 48:235.

Granata AV, Halickman JF, Borak J: Utility of military anti-shock trousers (MAST) in anaphylactic shock. Journal of Emergency Medicine, 1985; 2:349.

Starr LM, Borak J, Waymaster S: Responding to industrial accidents requires development of disaster plan. Occupational Health and Safety, 1985; 55:19.

Borak J: A Primer on EMS for Connecticut physicians. Connecticut Medicine, 1985; 49:657.

Starr LM, Bush DF, Borak J, Waymaster S, Somerfield M: Emergency teams and industry have different perceptions of each other. Occupational Health and Safety, 1986; 55(June):20.

Borak J, Bush DF, Starr L, Waymaster S: The hazards of ignorance: the EMS/Industry interface. Journal of Emergency Medical Services, 1986; 11(September):6.

Starr LM, Bush DF, Borak J, Waymaster S: Workplace medical emergencies. The Health Psychologist, 1986; 8(2):2.

Borak J, Starr LM: On emergency medical preparedness for industrial accidents. ECO, 1987; (March):3.

Starr LM, Leach T, Borak J: Occupational emergencies and EMS. Journal Emergency Care and Transport, 1988; 17:46.

Herbener D, Borak J: Cutaneous larva migrans in Northern climates. American Journal of Emergency Medicine, 1988; 6:462.

Borak J: The Superfund Amendments and Reauthorization Act of 1986: Implications for prehospital services. Emergency Care Quarterly, 1990; 6(3):29.

Borak J: HazMat training. Journal of Emergency Care and Transport, 1991; 20(4):44.

Borak J: Predicting HazMat effects through exposure routes and injury mechanisms. Rescue, 1991; 4(3):62.

Borak J: Phosgene toxicity: Review and update. Occupational and Environmental Medicine Report, 1991; 5:19.

Borak J: Welding-related illness: New thoughts on an old malady. Occupational and Environmental Medicine Report, 1991; 5:89.

Borak J, Sidell FC: Agents of chemical warfare. I. Sulfur mustard. Annals of Emergency Medicine, 1992; 21:303.

Sidell FC, Borak J: Agents of chemical warfare. II. Nerve agents. Annals of Emergency Medicine, 1992; 21:865.

Borak J: Acute acrylonitrile toxicity: Reconsideration of mechanisms and antidotes. Occupational and Environmental Medicine Report, 1992; 6:19.

Borak J: Cadmium nephropathy: Review and update. Occupational and Environmental Medicine Report, 1992; 10:75.

Borak J: Toxicology of glycol ethers: a quick review. Occupational and Environmental Medicine Report, 1993; 7:43.

BORAK, Jonathan Benjamin

Page 13 of 27

- Borak J, Jaffe D: Aluminum and Alzheimer's disease. Occupational and Environmental Medicine Report, 1994; 8:3.
- Borak J: Environmental Surveillance: understanding of exposure limits needed for proper job application. Occupational Health and Safety, 1994; 63(5):30.
- Borak J, Russi M, Jaffe D: Criteria for significant threshold shift in occupational hearing programs: a re-evaluation. Occupational and Environmental Medicine Report, 1994; 8:49.
- Borak J: Environmental Surveillance: ACGIH's Threshold Limit Values. Occupational Health and Safety, 1994; 63 (8):26.
- Borak J: Environmental Surveillance: OSHA's outdated Air Contaminants system. Occupational Health and Safety, 1994; 63(12):41.
- Russi M, Borak J: Special Report: Medical surveillance under the new Asbestos Standards. Occupational and Environmental Medicine Report, 1995; 9:6.
- Borak J: Workplace monitoring and environmental surveillance: What's the difference? Occupational Health and Safety, 1995; 649:(4):30.
- Borak J: Pharmacologic mechanism of antidotes in cyanide and nitrile poisoning (letter). Journal of Occupational and Environmental Medicine, 1995; 37:793.
- Flaten TP, Pollack ES, Hill G, Borak J, Bonham GH: Aluminum and Alzheimer's disease: concluding remarks. EnvironMetrics 1995; 6:319.
- Borak J: *Dioxins and Health*, edited by A Schechter [book review]. Journal of Occupational and Environmental Medicine 1995:38:305.
- Borak J, Israel L: Does *in utero* exposure to PCBs cause developmental toxicity? Occupational and Environmental Report, 1997; 11:13.
- Borak J, Wise JP: DNA-Protein crosslinks as biomarkers of formaldehyde exposure. International Journal of Occupational and Environmental Health, 1997; 3:307.
- Borak J: Chromium valence and chromium species: A carcinogenicity dilemma (editorial). Occupational and Environmental Medicine Report, 1997; 11:93.
- Borak J, Pastides H, Van Ert M, Russi M, Herzstein J: Exposure to MTBE and acute human health effects: a critical literature review. Human and Ecological Risk Assessment, 1998; 4:177.
- Borak J, Wise JP: Does aluminum exposure of pregnant animals lead to accumulation in mothers or their offspring? Teratology 1998; 57:127.
- Borak J, Silverstein BD: Emergency response plans: the benefits of integration. Occupational Hazards, 1999; 61(9): 44.
- Borak J, Cohen HJ, Hethmon TA: Copper exposure and metal fume fever: Lack of evidence for a causal relationship. American Industrial Hygiene Association Journal 2000; 61:832.
- Borak J, Russi M, Puglisi JP: Meta-analyses [letter]. Environmental Health Perspectives, 2000; 108:A542.
- Borak J, Diller WF: Phosgene exposure: Mechanisms of injury and treatment strategies. Journal of Occupational and Environmental Medicine, 2001; 43:110.
- Borak J: Why diesel and why now? [editorial]. Occupational and Environmental Report, 2001;

BORAK, Jonathan Benjamin

Page 14 of 27

15:65.

- Borak J, Sirianni G, Cohen H, Chemerynski S, Jongeneelen F: Biological vs. ambient exposure monitoring of creosote facility workers. Journal of Occupational and Environmental Medicine, 2002; 44:310.
- Reprinted in: Journal of the Institution for Social and Policy Studies, 2003; 4:7.
- Recipient of the 2003 **Adolph G. Kammer Merit in Authorship Award** of the American College of Occupational and Environmental Medicine
- Cohen HJ, Borak J, Hall T, Sirianni G, Chemerynski S: Exposure of miners to diesel particulate matter in underground non-metal mines. American Industrial Hygiene Association Journal, 2002; 63:651.
- Cohen, HJ, Sirianni G, Chemerynski S, Wheeler R, Borak J: Observations on the suitability of the Aethalometer for vehicular and workplace monitoring. Journal of the Air & Waste Management Association, 2002; 52:1258.
- Borak J, Sirianni G, Cohen HJ, Chemerynski S, Wheeler R: Comparison of NIOSH 5040 method vs. Aethalometer to monitor diesel particulate in school buses and work sites. American Industrial Hygiene Association Journal, 2003; 64:260.
- Sirianni G, Chemerynski S, Cohen HJ, Wheeler R, Borak J: Sources of Interferences in field studies of diesel exhaust emission. Applied Occupational and Environmental Hygiene, 2003; 18:591.
- Fiellin M, Chemerynski S, Borak J: Editorial: Race, ethnicity and the SEER Database. Medical and Pediatric Oncology, 2003; 40:413.
- Borak J, Fiellin M, Chemerynski S: Who is Hispanic? Implications for epidemiological research in the United States. Epidemiology, 2004; 15:240-244.
- Borak J: Adequacy of iodine nutrition in the United States. Connecticut Medicine, 2005; 69:73-77.
- Borak J, Slade MD, Russi M: Risks of brain tumors in rubber workers: a meta-analysis. Journal of Occupational and Environmental Medicine 2005; 47:294-298.
- Fields C, Dourson M, Borak J: Iodine-Deficient Vegetarians: A hypothetical perchlorate-susceptible population? Regulatory Toxicology and Pharmacology, 2005; 42:37-46.
- Borak J: Neonatal hypothyroidism due to maternal vegan diet. Journal of Pediatric Endocrinology and Metabolism 2005; 18:621.
- Fields C, Borak J: *Toxicology of the Kidney* by JB Tarloff and LH Lash [book review]. Journal of Occupational and Environmental Medicine 2005; 47:1317-1318.
- Borak J: The Beryllium Occupational Exposure Limit: Historical perspectives and current inadequacy. Journal of Occupational and Environmental Medicine 2006; 48:109-116.
- Borak J, Sirianni G: Hormesis: Implications for cancer risk assessment. Dose Response 2005; 3:443-451.
- Borak J, Woolf SH, Fields CA: Use of BeLPT for screening of asymptomatic individuals: An evidence-based assessment. Journal of Occupational and Environmental Medicine 2006; 48:937-948.

BORAK, Jonathan Benjamin

Page 15 of 27

- Borak J: The Beryllium Occupational Exposure Limit: Historical origin and current inadequacy: Author's Response. Journal of Occupational and Environmental Medicine 2006; 48:998-1001.
- Borak J, Hosgood HD: Seafood Arsenic: Implications for human risk assessment. Regulatory Toxicology and Pharmacology 2007; 47:204-212.
- Recipient of **Certificate of Recognition: Elsevier's Top 10 Cited Articles of 2007-08**
- Borak J, Woolf SH, Fields CA: Use of BeLPT for screening of asymptomatic individuals: Author's Response [letter]. Journal of Occupational and Environmental Medicine 2007; 49:358-9.
- Borak J, Sirianni G: Studies of Self-pollution in Diesel School Buses: Methodological Issues. Journal of Occupational and Environmental Hygiene 2007; 4:660-668.
- Sirianni G, Hosgood HD, Slade MD, Borak J: Particle size distribution and particle size-related silica content in granite quarry dust. Journal of Occupational and Environmental Hygiene 2008; 5:279-285.
- Russi MB, Borak JB, Cullen MR: An examination of cancer epidemiology studies among populations living close to toxic waste sites. Environmental Health 2008; 7:32.
- Slade MD, Borak J: *Statistical Evidence in Medical Trials: What do the data really tell us?* By SD Simon [book review]. Journal of Occupational and Environmental Medicine 2008; 50:602.
- Borak J: *Nanotoxicology: Characterization, Dosing and Health Effects*. By NA Monteiro-Riviere and CL Tran [book review]. Journal of Occupational and Environmental Medicine 2009; 51:620.
- Borak J: Five classic articles in Public Health. Yale Journal of Biology and Medicine 2010; 83:43-45.
- Sirianni G, Borak J: How clean is "Clean"? Regulations and standards for workplace clothing and personal protective equipment. Journal of Occupational and Environmental Medicine 2010; 52:190-196.
- Borak J, Fields C, Andrews LS, Pemberton MA: Methyl Methacrylate and respiratory sensitization: A critical review. Critical Reviews in Toxicology 2011; 41:230-268.
- Borak J, Bunn WB, Chase GR, Hall TA, Head JH, Hesterberg TW, Sirianni G, Slavin TJ: Comments on the Diesel Exhaust in Miners Study [Letter]. Annals of Occupational Hygiene, 2011; 55:339-342.
- Borak J: Obesity and the Work Place [editorial]. Occupational Medicine, 2011; 61: 220-222.
- Fields C, Borak J: *Heavy Metals: A Rapid Clinical Guide to Neurotoxicity and other Common Concerns*. By KR Spaeth, AJ Tsismenakis, SN Kales [book review]. Journal of Occupational and Environmental Medicine 2011; 53:587.
- Borak J, Salipante-Zaidel C, Slade MD, Fields CA: Mortality Disparities in Appalachia: Reassessment of Major Risk Factors. Journal of Occupational and Environmental Medicine 2012; 54:146-156.
- Borak J, Slade MD, Allen RA, Salipante-Zaidel C, Fields CA: Ecological Bias and Data Entry Errors: Response to Hendryx and Ahern. Journal of Occupational and Environmental Medicine 2012; 54:770-773.
- Borak J: *A Biologic Approach to Environmental Assessment and Epidemiology*. By TJ Smith and

BORAK, Jonathan Benjamin

Page 16 of 27

D Kriebel [book review]. Journal of Occupational and Environmental Medicine 2012; 54:1040-1041.

Dworak JJ, Roberts DW, Calter MA, Fields CA, Borak J: Is Diacetyl a Respiratory Sensitizer? A Reconsideration using QSAR, QMM and Competition Experiments. Chemical Research in Toxicology, 2013; 26:631-633. (<http://dx.doi.org/10.1021/tx400097v>).

Roberts DW, Calter MA, Borak J, Fields CA, Letter to the editor. Food and Chemical Toxicology, 2014; 70:260-62. (<http://dx.doi.org/10.1016/j.fct.2014.05.013>).

Borak J: *The Norm Chronicles: Stories and Numbers about Danger and Death* by M Blastland and D Spiegelhalter [book review]. Journal of Occupational and Environmental Medicine 2015; 57:e11.

Borak J, Brosseau LM: The Past and Future of Occupational Exposure Limits. Journal of Occupational and Environmental Hygiene 2015; 12:S1-S3.

Borak J, Lefkowitz RY: Bronchial Hyperresponsiveness: In-Depth Review. Occupational Medicine (London) 2016; 66:95-105. (doi: 10.1093/occmed/kqv158).

Borak J: Chronic Beryllium Disease: The Search for a Dose-Response. Journal of Occupational and Environmental Medicine 2016; 58:e355-361.

Fields CA, Borak J, Louis ED: Mercury-induced sensory and motor neurotoxicity: systematic review of workers currently exposed to mercury vapor. Critical Reviews in Toxicology; 2017; 10, 815-848; (doi: 10.1080/10408444.2017.1342598)

Fields CA, Borak J, Louis ED: Persistence of mercury-induced sensory and motor neurotoxicity: systematic review of workers remotely exposed to mercury vapor. Critical Reviews in Toxicology; 2017; 10: 849-870; (doi: 10.1080/10408444.2017.1342599)

Borak J, Lefkowitz RY, Linde, B: Bronchial Hyperresponsiveness: Technical Update. Occupational Medicine (London) 2018; (doi: 10.1093/occmed/kqy122).

#### **Committee and Group Publications**

Bioethics Committee, American College of Emergency Physicians: Medical, moral, legal, and ethical aspects of resuscitation for patients who have minimal ability to function or ultimately survive. Annals of Emergency Medicine, 1985; 14:919.

American Hospitals in Transition: Business Implications and Strategic Considerations for Medical Suppliers. New York: Channing, Weinberg & Co., 1984.

Committee on Organ and Tissue Transfers, Connecticut State Medical Society. HIV testing of transfusion recipients. Connecticut Medicine, 1990; 54:217.

Badon SJ, Cable RG and Committee on Organ and Tissue Transfers, Connecticut State Medical Society. Yersinia enterocolitica contamination of blood. Connecticut Medicine, 1992; 56:287.

Emergency Response Planning Committee, American Industrial Hygiene Association: The AIHA 1996 Emergency Response Planning Guidelines and Workplace Environmental Exposure Level Guides Handbook. Fairfax: AIHA, 1996.

World Health Organization. Environmental Health Criteria 194: Aluminium. Geneva: World Health Organization, International Program on Chemical Safety, 1997.

BORAK, Jonathan Benjamin

Page 17 of 27

- Environmental Medicine Committee, American College of Occupational and Environmental Medicine: Multiple Chemical Sensitivities: Idiopathic Environmental Intolerance. Journal of Occupational and Environmental Medicine 41:940, 1999.
- National Advisory Committee to Develop Acute Exposure Guideline Levels for Hazardous Substances: Acute Exposure Guideline Levels for Selected Airborne Chemicals: Volume #1. Washington, DC: National Academy Press, 2000.
- National Advisory Committee to Develop Acute Exposure Guideline Levels for Hazardous Substances: Standing Operating Procedures for Developing Acute Exposure Guideline Levels for Hazardous Chemicals. Washington, DC: National Academy Press, 2001.
- National Advisory Committee to Develop Acute Exposure Guideline Levels for Hazardous Substances: Acute Exposure Guideline Levels for Selected Airborne Chemicals: Volume 2. Washington, DC: National Academy Press, 2002.
- National Advisory Committee to Develop Acute Exposure Guideline Levels for Hazardous Substances: Acute Exposure Guideline Levels for Selected Airborne Chemicals: Volume 3. Washington, DC: National Academy Press, 2003.
- National Advisory Committee to Develop Acute Exposure Guideline Levels for Hazardous Substances: Acute Exposure Guideline Levels for Selected Airborne Chemicals: Volume 4. Washington, DC: National Academy Press, 2004.
- National Research Council Subcommittee on Toxicologic Assessment of Low-Level Exposures to Chemical Warfare Agents: Review of the Department of Defense Research Program on Low-Level Exposures to Chemical Warfare Agents. Washington, DC: National Academy Press, 2005.
- National Advisory Committee to Develop Acute Exposure Guideline Levels for Hazardous Substances: Acute Exposure Guideline Levels for Selected Airborne Chemicals: Volume 5. Washington, DC: National Academy Press, 2006.
- Calabrese EJ, Bachmann KJ, Bailer AJ, Bolger PM, **Borak J**, et al.: Biological Stress Response Terminology: Integrating the Concepts of Adaptive Response and Preconditioning Stress within a Hormetic Dose-Response Framework. Toxicology and Applied Pharmacology 2007; 222:122-128.
- Ainslie VS, Barr DB, **Borak J**, Cessna AL, Fry AJ, Jones-Lepp T, Lioy P, Stopford W, Wickman A: Peer Review of an Evaluation of the Health and Environmental Impacts Associated with Synthetic Turf Playing Fields. Hartford: Connecticut Academy of Science and Engineering, 2010.
- Brandt-Rauf, P, Deubner DC, Withers BF, Hudson TW, **Borak J**: Genetic Screening in the Workplace: ACOEM Guidance Statement. Journal of Occupational and Environmental Medicine 2010; 52:763.
- Fischman M, Kosnett M, Lichty P, Howard J, Murashov V, **Borak J**, and Seward J: Nanotechnology and Health: ACOEM Guideline Statement. Journal of Occupational and Environmental Medicine 2011; 687-689.
- Brandt-Rauf, P, **Borak J**, Deubner DC: Genetic Screening in the Workplace: ACOEM Position Statement. Journal of Occupational and Environmental Medicine 2015; 57:e17.
- Fischman M, Murashov V, **Borak J**, and Seward J: Nanotechnology and Health: ACOEM Guideline Statement. Journal of Occupational and Environmental Medicine 2019; 61:

BORAK, Jonathan Benjamin

Page 18 of 27

doi:10.1097/JOM.00000001548.

#### Internet Resources

Borak J: International Cyanide Antidote Database. Cyanide Poisoning Treatment Coalition. Available at: <http://www.cyanidepoisoning.org/pages/ICAD.asp>

Sirianni G, Borak J: How clean is "Clean"? Regulations and standards for workplace clothing and personal protective equipment: On-Line Supplemental Guide. Journal of Occupational and Environmental Medicine. Available at: <http://links.lww.com/JOM/A28>

#### PRESENTATIONS:

Borak J: "Medical decision making: The case of renovascular hypertension". Annual Meeting, Robert Wood Johnson Clinical Scholar Program; Asheville, N.C., 1976.

Borak J: "An evaluation of the adequacy of methods used in clinical investigations of renovascular hypertension". American Federation for Clinical Research, Sydenham Society; Atlantic City, 1976.

Meyer C, McBride WJ, Goldblatt RS, Borak J, Marignani P, Contino C, McCallum R: "Flexible fiberoptic sigmoidoscopy in asymptomatic and symptomatic patients". American Society of Gastrointestinal Endoscopy; New Orleans, 1979.

Borak J, Veilleux S: "Errors of intuitive logic among physicians". Annual Meeting, Robert Wood Johnson Clinical Scholar Program; Scottsdale, 1981.

Borak J: "The epidemiology of cardiac arrest". Annual Scientific Session, Connecticut State Medical Society; New Haven, 1985.

Borak J: "Emergency medicine: What is it and where is it going?". Tenth Annual Symposium, The Wilkerson Group; New York, 1985.

Bush DF, Starr LM, Borak J, Waymaster S: "Communication about medical emergencies: The different perceptions of plant safety directors and EMTs". International Communication Association; Evanston, 1985.

Borak J: "Communication -- The key to the comprehensive emergency response system". International Communication Association; Chicago, 1986.

Bush DF, Starr LM, Borak J, Rachlis V: "The role of the primary care physician in preparation for industrial disasters". International Communication Association; Oxford, England, 1986.

Borak J: "Acute medical aspects of SARA Title III". Summer National Meeting, American Institute of Chemical Engineers; Denver, 1988.

Starr LM, Rachlis V, Borak J: "How to structure the communication process of primary care physicians when discussing occupational health hazards". International Conference on Doctor-Patient Communication; London, Ontario, 1986.

Borak J: "SARA Title III for physicians: Navigating the muddy water of community Right-to-Know". Postgraduate Seminar, American Occupational Health Conference, American College of Occupational Medicine; Boston, 1989.

Borak J: "EMS and hazardous materials". SARA Title III: Progress and Prospects, Department of Environmental Protection, State of Connecticut; Cromwell, 1989.

BORAK, Jonathan Benjamin

Page 19 of 27

Borak J: "The implications of SARA Title III for EMS services". SARA Title III State Planning Conference, Department of State Police, State of Michigan; Lansing, MI, 1989.

Borak J, Flynn D: "The management of hazardous materials accidents in the emergency department". Scientific Assembly, Emergency Nurses Association; Washington, D.C., 1989.

Borak J, Leonard RB: "Hazardous materials: Approach and management". Scientific Assembly, American College of Emergency Physicians; Washington, D.C., 1989.

Borak J: "A Guide to SARA Title III for physicians: Disaster planning and community Right-to-Know". Disaster '90: The International Disaster Management Conference; Orlando, 1990.

Borak J: "Emergency medical response to industrial accidents: The U.S. perspective". Medische Rampenplanning en de Gentse Industrie, (Medical Disaster Planning in the Ghent Industries), Rijksuniversiteit; Ghent, Belgium, 1990.

Borak J: "Acute toxic inhalation injuries". Annual Meeting, Connecticut Lung Association; New Haven, 1990.

Borak J: "Environmental toxins: The emergency medicine response". National Medical Association; Las Vegas, 1990.

Borak J: "Disasters and trauma: Managing the aftermath". National Society for Patient Representation, American Hospital Association; Washington, D.C., 1990.

Borak J: "HazMat and the EMS responders". Connecticut HazMat Week, Commission on Fire Prevention and Control; New Haven, 1990.

Borak J: "Medical monitoring". Connecticut HazMat Week, Connecticut Commission on Fire Prevention and Control; New Haven, 1990.

Borak J, Callan M: "Mitigation and response to chemical warfare and terrorism". Disaster '91: The International Disaster Management Conference; Orlando, 1991.

Borak J: "The contaminated victim". SARA Title III Workshops, State Emergency Response Commission, State of Connecticut; Cromwell, CT, 1991.

Connor S, Borak J: "Hazard emergencies: Recognition and management for nurses". (Full-Day Course), American Occupational Health Conference, American Association of Occupational Health Nurses; San Francisco, 1991.

Borak J, Callan M, Abbott W: "Hazardous materials emergency response for EMS personnel". (24-hour OSHA certification program). Emergency Response Conference; Rosemont, 1991.

Borak J: "What physicians need to know about environmental regulations". Environmental Medicine Seminar, New Hampshire Medical Society; Portsmouth, NH, 1991.

Borak J: "Toxic reproductive hazards". Annual Meeting, Philadelphia Occupational Health Nurses Association; West Point, PA, 1991.

Borak J, White S: "Hazardous materials update". Annual Educational Conference, National Association of Emergency Medical Technicians; Kansas City, 1991.

Borak J, Bouvier KJ: "HazMat: The essentials of training EMS". Annual Educational Conference, National Association of Emergency Medical Technicians; Kansas City, 1991.

Borak J: "Training and education of workers and managers". Air Pollution in Central and Eastern Europe: Health and Public Policy; Frydek-Mistek, Czechoslovakia, 1991.

BORAK, Jonathan Benjamin

Page 20 of 27

Borak J: "EMS first responders at Hazmats incidents". Connecticut Hazardous Materials Week, Connecticut Commission on Fire Prevention and Control; New Haven, 1991.

Borak J: "The pathophysiology of inhalation injury". Recognition and Treatment of Toxic Inhalation Emergencies; Norwalk Hospital, Norwalk, CT, 1991.

Borak J, Moss M: "HazMat exposure: Health effects and medical monitoring". Connecticut Hazardous Materials Week, Connecticut Commission on Fire Prevention and Control; New Haven, 1991.

Borak J: "Hazmats recognition and identification". Pre-Conference Workshop, EMS Today Conference; Albuquerque, 1992.

Borak J: "Health effects of Hazmats exposure". Pre-Conference Workshop, EMS Today Conference; Albuquerque, 1992.

Borak J: "Personal protection from Hazmats exposure". Pre-Conference Workshop, EMS Today Conference; Albuquerque, 1992.

Borak J: "Hazmats incident procedures". Pre-Conference Workshop, EMS Today Conference; Albuquerque, 1992.

Pendergrass JA, Forster F, Borak J, Vance L: "What you need to know to talk to an Industrial Hygienist". Postgraduate Seminar, American Occupational Health Conference, American College of Occupational and Environmental Medicine; Washington, 1992.

Klein HM, Borak J: "Resource allocation for environmental health training". Fifth National Environmental Health Conference; Centers for Disease Control; Atlanta, 1992.

Borak J, Falk H, Elliott D, Goldstein BD, Melius J, Cullen MR, Rusch G: "The what, why and how of environmental emergencies: A guide for occupational physicians". American Occupational Health Conference, American College of Occupational and Environmental Medicine; Washington, 1992.

Borak J: "The emergency planning elements of EPA and OSHA regulations". American Occupational Health Conference, American College of Occupational and Environmental Medicine; Washington, 1992.

Borak J: "Environmental regulations: What the occupational health professional should know. Annual Conference, New England Occupational Medicine Association; Boston, 1992.

Borak J, Polsky SS: "Medical control of hazardous materials incidents". Clinical Forum: Current Concepts, Emerging Trends; American College of Emergency Physicians; Kansas City, 1993.

Borak J: "Hazardous materials injury: Prehospital and hospital care". Clinical Forum: Current Concepts, Emerging Trends; American College of Emergency Physicians; Kansas City, 1993.

Borak J: "Hazardous materials incidents: Hospital based decontamination procedures". Clinical Forum: Current Concepts, Emerging Trends; American College of Emergency Physicians; Kansas City, 1993.

Borak J: "Medical emergencies in the workplace". Harvard School of Public Health Education Resource Center, Boston, 1993.

Borak J: "Toxicology of hazardous materials". Medical Grand Rounds, Department of Emergency Medicine, Rhode Island Hospital, Providence, 1993.

BORAK, Jonathan Benjamin

Page 21 of 27

Borak J: "Hazardous materials emergencies". 3rd Annual Occupational Health Nursing Institute, Environmental and Occupational Health Sciences Institute, University of Medicine and Dentistry of New Jersey, 1993.

Olson, KR, Borak J, George E, Lum M, Tominack R: "Clinical Management of Hazardous Materials Emergencies: Mini-Symposium for Poison Center Professionals". International Congress of Clinical Toxicology, New York, 1993.

Borak J: "Basics of HazMat Toxicology". Annual Meeting, International Congress of Clinical Toxicology, New York, 1993.

Borak J: "ED Management of HazMat incidents". Scientific Assembly, Emergency Nurses Association, Seattle, 1993.

Borak J: "Hazmats: Emergency response and patient care". Scientific Assembly, American College of Emergency Physicians, Chicago, 1993.

McLellan RM, Borak J: "Treatment, Prevention and Control of Environmental Exposures". State-of-the-Art Conference, American College of Occupational and Environmental Medicine, Dallas, 1993.

McCunney RJ, Borak J: "Occupational Medicine Self-Assessment Program III". State-of-the-Art Conference, American College of Occupational and Environmental Medicine, Dallas, 1993.

McLellan RK, Borak J: "Sources of Environmental Exposure". State-of-the-Art Conference, American College of Occupational and Environmental Medicine, Dallas, 1993.

Borak J: "Environmental Disaster Issues". State-of-the-Art Conference, American College of Occupational and Environmental Medicine, Dallas, 1993.

Borak J, Mitchell FL, Sublet VH: "Environmental Medicine Case Studies". State-of-the-Art Conference, American College of Occupational and Environmental Medicine, Dallas, 1993.

Borak J: "Occupational Health Hazards of Hospital Workers". Grand Rounds in Internal Medicine, Thomas Jefferson Medical College, Philadelphia, 1993.

Borak J: "Environmental Disaster Issues". State-of-the-Art Conference, American College of Occupational and Environmental Medicine, Dallas, 1993.

Borak J: "Prepare for Industrial Emergencies and Disasters". American Occupational Health Conference, American College of Occupational and Environmental Medicine, Chicago, 1994.

Borak J: "Monitoring Exposure to Heavy Metals". Medical Surveillance in the Workplace. American Occupational Health Conference, American College of Occupational and Environmental Medicine, Chicago, 1994.

Borak J: "Hazardous Materials Emergencies". Grand Rounds in Emergency Medicine, Hartford Hospital, Hartford, 1994.

Borak J: "Health Effects of Hazardous Materials". Post Graduate Seminar. State-of-the-Art Conference, American College of Occupational and Environmental Medicine, Denver, 1994.

Borak J, Mitchell FL, Lewis-Younger C, Middleton D, Lum MR: "Cases in Environmental Medicine: The Physician's Perspective". American Occupational Health Conference, American College of Occupational and Environmental Medicine, Chicago, 1994.

Borak J: "Incident Procedures for Hazardous Materials Emergencies". Post Graduate Seminar. State-of-the-Art Conference, American College of Occupational and Environmental

BORAK, Jonathan Benjamin

Page 22 of 27

Medicine, Denver, 1994.

Borak J: "Emergency Planning for Governmental Agencies and Contractors". New Environmental Issues & Liabilities of Governmental Agencies & Contractors, Federal Publications, Washington, DC and San Diego, 1995.

Borak J, McCunney RJ, Dunn W, Dhara R: "Emergency Response Planning for Toxic Air Releases". American Occupational Health Conference, American College of Occupational and Environmental Medicine, Las Vegas, 1995.

Levy B, McCunney RJ, Borak J, Orris P: "Occupational Medicine Self-Assessment Program". American Occupational Health Conference, American College of Occupational and Environmental Medicine, Las Vegas, 1995.

Pope A, Kipen HM, Lum M, Borak J, Roberts M: "Integrating Environmental Health into Medical School Curricula". American Occupational Health Conference, American College of Occupational and Environmental Medicine, Las Vegas, 1995.

Borak J: "Controversies in Environmental Medicine: Reformulated Gasoline, Methyl tert-Butyl Ether and Human Health". New England College of Occupational and Environmental Medicine, Boston, 1995.

Borak J: "Toxic Terrorism and Inhaled Poisons". Third Annual Advances in Toxicology, University of Connecticut School of Medicine, Farmington, 1995.

Borak J: "Inhalation Toxicology of Hazardous Materials". Grand Rounds in Emergency Medicine, Rhode Island Hospital, Providence, 1996.

Borak J: "Health Effects of Acute Hazardous Materials Exposure". Post Graduate Seminar. American Occupational Health Conference. American College of Occupational and Environmental Medicine, San Antonio, 1996.

McCunney RJ, Borak J, Orris P: "Occupational Medicine Self-Assessment Program". Post Graduate Seminar. American Occupational Health Conference. American College of Occupational and Environmental Medicine, San Antonio, 1996.

Kess SL, Hryhorczuk DO, Falk H, Mitchell FL, Hall AH, Borak J: "Career Opportunities in Environmental Medicine". American Occupational Health Conference, San Antonio, 1996.

Borak J: "Les Nouvelles Normes de Qualité de L'air Aux États-Unis: Bases Épidémiologiques et Bénéfices Attendus". Pollution Atmosphérique Urbaine et Santé Humaine. Faculté de Médecine Xavier Bichat, Paris, 1997.

Borak J, Goldstein BM, Kavlock R, Lipshultz LI, Wolff MS: "Endocrine Disrupter Chemicals, Environmental Exposures and Human Health". American Occupational Health Conference. American College of Occupational and Environmental Medicine, Orlando, 1997.

Borak J: "Determination of Work-relatedness of Disease - Evidence of Disease: What Is Necessary?" American Occupational Health Conference. American College of Occupational and Environmental Medicine, Orlando, 1997.

Borak J: "Fluoride and Drinking Water: Historical Perspective and Current Toxicology". American Occupational Health Conference. American College of Occupational and Environmental Medicine, Orlando, 1997.

Borak J: "Health Effects of Acute Hazardous Materials Exposure". Post Graduate Seminar. State of the Art Conference. American College of Occupational and Environmental Medicine,

BORAK, Jonathan Benjamin

Page 23 of 27

Nashville, 1997.

Borak J: "Risk Assessment: Survival Guide for Physicians". State of the Art Conference. American College of Occupational and Environmental Medicine, Phoenix, 1998.

Borak J: "Pollutants in the Quinnipiac River: Effects on Human Health". Point Source Pollution Conference. Yale School of Forestry and Environmental Studies, New Haven, 1999.

Borak J, Upfal M: "Occupational Health Services Course for General Practitioners: Clinical Occupational Health: Train-the-Trainer". (3-day educational program for Slovak physicians, sponsored by Harvard Institute for International Development and US Agency for Industrial Development). Bratislava, Slovakia, 1999.

Borak J: Plausible Conservatism and Maximal Use of Scientific Information: A Risk Assessment Paradigm. Yale University Interdisciplinary Bioethics Conference, New Haven, CT, 2000

Borak J: Toxicology, Risk Assessment, and the "New, New" Science. Annual Meeting, Kentucky Medical Association, Louisville, KY, 2000.

Bunn, W, Borak J, Cohen JT, Mauderly J, Modarres M: Health Effects of Diesel and Other Combustion Technologies. Society of Automotive Engineers, International Truck & Bus Meeting. Chicago, 2001

Chemerynski S, Borak J: Diesel Exhaust: A Risk Assessment Conundrum. Yale University Interdisciplinary Risk Assessment Forum, New Haven, CT, 2000

Borak J, Brandt-Rauf, P, Cooper W, Diaz J, McLellan R, Pendergast J: Environmental Medicine Series: Water, Water Everywhere – But is it Safe to Drink? Millennium Series, American Occupational Health Conference, Chicago, 2002.

Sirianni G, Cohen H, Borak J, Chemerynski S, Wheeler R, Gunter B, Jongeneelen F: Assessment of Creosote Exposure among Wood Preservation Workers: A Pilot Study. American Industrial Hygiene Conference and Exposition, San Diego, 2002.

Chemerynski S, Borak J, Sirianni G, Cohen H: Pseudo Hormesis: An Explanation in Search of a Manifestation. Non-Linear Dose-Response Relationships in Biology, Toxicology and Medicine, International Conference, Amherst, MA, 2002.

Chemerynski S, Borak J, Sirianni G, Cohen H: Uncertainties Surrounding the Risk Assessment of Diesel Particulate Matter. Annual Meeting, American Public Health Association, Philadelphia, 2002.

Sirianni G, Chemerynski S, Cohen H, Borak J, Jongeneelen F: Assessment of Creosote Exposure in Wood Preservation Workers at Two Locations. American Public Health Association, Philadelphia, 2002.

Borak J: The Toxicology of Chemical Warfare Agents. Yale University Interdisciplinary Risk Assessment Forum, New Haven, CT, 2000.

Borak J, Warnock DW, Woodward S, Hardin B, Redd SC, McLellan RM: Overview of the Issues of Indoor Mold. American Occupational Health Conference, American College of Occupational and Environmental Medicine, Atlanta, 2003.

Borak J, Dalton P, Kipen HM, Morata TC, Rabinowitz PM: Adverse Effects of Toxic Exposures on Sensory Perception. American Occupational Health Conference, American College of Occupational and Environmental Medicine, Atlanta, 2003.

BORAK, Jonathan Benjamin

Page 24 of 27

Borak J: Evidence, Risk Assessment and Causality: State of the Art Conference. American College of Occupational and Environmental Medicine, Toronto, 2003.

Borak J, Brandt-Rauf P, Maier L, Talaska G: Molecular Epidemiology: Studying the Interactions of Exposures, Genetics and Health. American Occupational Health Conference, American College of Occupational and Environmental Medicine, Kansas City, 2004.

Borak J: Implications of Hormesis for Risk Assessment. 3<sup>rd</sup> International Conference on Non-linear Dose-response Relationships in Biology, Toxicology and Medicine, University of Massachusetts, Amherst, 2004.

Borak J: What is a 'Susceptible Sub-Population'? Yale University Interdisciplinary Risk Assessment Forum, New Haven, CT, 2004.

Borak J: Uncertainty, Variability and Susceptible Sub-Populations. Occupational Medicine Colloquium, University of Connecticut Health Center, Farmington, 2005.

Borak J: An Introduction to Risk Assessment as an Issue of Ethics. Summer Ethics Program, Yale Center for Bioethics, Institute for Social and Policy Studies, New Haven, 2005.

Borak J: Scientific Risk Assessment and the Future of Occupational and Environmental Medicine. George H. Gehrman Memorial Lecture. State of the Art Conference. American College of Occupational and Environmental Medicine, Chicago, 2005

Hosgood D, Borak J, Slade M: Silica and Lung Cancer: a Monte Carlo Analysis. Annual Meeting, American Public Health Association, Philadelphia, 2005.

Borak J, Sirianni G: Methodological Limitations in Studies Evaluating Diesel Emissions inside School Bus Cabins. Annual Conference, Air & Waste Management Association, New Orleans, 2006.

Borak J: The Origins of Scientific Risk Assessment in Occupational and Environmental Health Policy. Annual Student Day Lecture, Institute of Environmental and Human Health Texas Tech University, Lubbock, TX 2006.

Borak J: Does Silica Cause Lung Cancer (in the Absence of Silicosis)? Occupational Medicine Colloquium, University of Connecticut Health Center, Farmington, 2006.

Hosgood HD, Sirianni G, Slade MD, Borak J: Combining Historical and Contemporary Exposure Data to Evaluate Silica-Related Lung Cancer. Annual Conference, Air & Waste Management Association, Pittsburgh, 2007

Borak J: Origins of Risk Assessment in Occupational Health Policy. Connecticut Chapter, American Industrial Hygiene Association, Hamden, 2007

Borak J, Hoffmann G, McCord J: Plenary Session: Dose-Response 2008. Annual Meeting of the International Dose-Response Society, Amherst, 2008.

McAdoo B, Borak J: Global Environmental Disasters. The Foreign Affairs Symposium at Hopkins: Global Leadership for the 21<sup>st</sup> Century. Johns Hopkins University, Baltimore, 2009.

Borak J: The Ethics of Risk Assessment. Bio-Ethics Society at Yale. New Haven, 2009.

Borak J: The History and Legacy of the 1976 Seveso Disaster. Occupational Medicine Colloquium, University of Connecticut Health Center, Farmington, 2010.

Sirianni G, Borak J: How clean is "Clean"? Regulations and standards for workplace clothing and personal protective equipment. American Industrial Hygiene Conference & Expo, Portland,

BORAK, Jonathan Benjamin

Page 25 of 27

Oregon, 2011.

Borak J, Bunn WB, Clark N, Head HJ, Hesterberg TW, Valberg PA: Exposure Assessment in Epidemiologic Studies of Diesel Exhaust and Lung Cancer. International Congress on Occupational Health, Cancun, 2012.

Borak J: Keynote Address: Physical Environment Meets Social Environment: Health Implications. Harriet Hardy Award Lecture. Annual Meeting, New England College of Occupational and Environmental Medicine, Newton, MA, 2012.

Borak J: Strengthening Public Health Protections by Addressing Toxic Chemical Threats. Senate Committee on Environment and Public Works (Invited Testimony). Washington, DC, 7/31/2013.

Borak J: Physical Environment Meets Social Environment (Annual Oration). Annual Meeting, Ramazzini Society, Laguna, CA, 2013.

Borak J: The Benzene Risk Assessment (Invited Lecture). Dartmouth Institute of Health Policy & Clinical Practice, Geisel School of Medicine at Dartmouth, Hanover, 2014.

Borak J, Valberg P, Long C, Hessel P, Lieckfield R, Hall T, Bunn W: Comments on OSHA Proposed Rule: Occupational Exposure to Crystalline Silica. Occupational Safety and Health Administration, Washington, DC, 3/19/14.

Borak J, Civic T, Deubner D, Fredericks J: The New Beryllium Standard: A Cooperative Effort of Industry and Labor. American Occupational Health Conference, American College of Occupational and Environmental Medicine, Baltimore, 2015.

Borak J: Toxicology and Environmental Risk Assessment (Invited Lecture). Dartmouth Institute of Health Policy & Clinical Practice, Geisel School of Medicine at Dartmouth, Hanover, 2017.

Borak J, Fagiman DL, Haug CJ: Is Peer Review a Proxy for Scientific Validity? DRI Toxic Tort and Environmental Law Seminar, New Orleans, 2017.

Borak J, Slade MD: Mortality Disparities in Appalachia (Invited webinar presentation). Committee on the Potential Human Health Effects of surface Coal Mining Operations in Central Appalachia. National Academies of Science, 2017.

#### **Stand-alone Courses**

Borak J: "Risk Assessment: A Practical Introduction for Physicians". (Half-day continuing education program).

Post Graduate Seminar. State of the Art Conference. American College of Occupational and Environmental Medicine, San Antonio, 1999.

Post Graduate Seminar. State of the Art Conference. American College of Occupational and Environmental Medicine, Nashville, 2000.

Borak J, Becker C, Ducatman AM, Kipen HM, McKinnon HW, McLellan RM, Mitchell FL, Russi M: "Core Curriculum in Environmental Medicine". (Continuing Education Program, accredited for 14 CME credits by American College of Occupational and Environmental Medicine and included as a component of the "Essentials of Occupational and Environmental Medicine").

State-of-the-Art Conference, American College of Occupational and Environmental Medicine, Dallas, 1993

BORAK, Jonathan Benjamin

Page 26 of 27

American Occupational Health Conference, American College of Occupational and Environmental Medicine, Chicago, 1994

American Occupational Health Conference, American College of Occupational and Environmental Medicine, Las Vegas, 1995

American Occupational Health Conference, American College of Occupational and Environmental Medicine, San Antonio, 1996

American Occupational Health Conference, American College of Occupational and Environmental Medicine, Orlando, 1997

American Occupational Health Conference, American College of Occupational and Environmental Medicine, Boston, 1998

Borak J: "Hazardous Materials Training for Hospital Emergency Personnel" (16-Hour Continuing Education Program).

Occupational Safety & Health Spring Academy, Concord, NH. (Sponsored by Harvard School of Public Health), 1992.

Exeter, NH (Sponsored by Exeter Hospital), 1992.

Bentley College, Waltham, MA. (Sponsored by Harvard School of Public Health), 1992

Pittsburgh, PA (Sponsored by Allegheny County Health Department), 1994.

Bombay, India (Sponsored by US Agency for Industrial Development, World Environment Center and the National Safety Council of India), 1996

Vadadora, India (Sponsored by US Agency for Industrial Development and World Environment Center and the National Safety Council of India), 1996

Cochin, India (Sponsored by US Agency for Industrial Development, World Environment Center and the National Safety Council of India), 1996

Borak J: "An Introduction to Industrial Hazards for Physicians". (Continuing Education Program, accredited for 7 Category CME credits by American College of Emergency Physicians, 1988-92).

Wallingford, CT (Sponsored by Connecticut ACEP), 1988.

Bristol, PA (Sponsored by Rohm and Haas Company), 1988.

Pasadena Medical Center, Pasadena, TX (Sponsored by ARCO Chemical) 1988.

Newtown Square, PA (Sponsored by ARCO Chemical Company), 1989.

Hospital of St. Raphael, New Haven (Sponsored by Connecticut ACEP), 1989.

Rhode Island Hospital, Providence (Sponsored by Rhode Island ACEP), 1990.

Pre-Conference Seminar, Disaster '91: The International Disaster Management Conference; Orlando, 1991.

Seattle (Sponsored by Washington ACEP), 1991

Concord, MA (Sponsored by Emerson Hospital), 1991.

Concord, NH (Sponsored by Harvard School of Public Health), 1992.

Boston, MA, (Sponsored by Conference of Boston Teaching Hospitals), 1992

BORAK, Jonathan Benjamin

Page 27 of 27

Pittsburgh, PA (Sponsored by Allegheny County Health Department), 1994.

Map Ta Phut, Thailand (Sponsored by US Agency for Industrial Development and World Environment Center), 1995

Bangpoo, Thailand (Sponsored by US Agency for Industrial Development and World Environment Center), 1995

Serang, Indonesia (Sponsored by US Agency for Industrial Development and World Environment Center), 1995

Boston, MA (Sponsored by Metropolitan Boston EMS Council), 1996.

(3/19)

Ex. 2



Technical Advisory Service for Attorneys • TASAmcd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Jul-20-2017

To: Thomas Locke, Esquire  
Seyfarth Shaw LLP  
975 F Street N.W.  
Washington, DC 20004

Phone: (202) 828-5376  
Fax: (-)  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1148618

Description	Quantity	Amount
05/26/2017 to 05/31/2017 Work Performed by Research Assistant	12.50 Hour(s)	
06/01/2017 to 06/06/2017 Work Performed By Librarian	2.50 Hour(s)	
06/01/2017 to 06/02/2017 Work Performed By Jonathan Borak	11.00 Hour(s)	
06/03/2017 to 06/04/2017 Work Performed By Jonathan Borak	12.00 Hour(s)	
06/05/2017 Work Performed By Jonathan Borak	7.00 Hour(s)	
06/06/2017 Work Performed By Jonathan Borak	6.00 Hour(s)	
06/07/2017 Work Performed By Jonathan Borak	10.00 Hour(s)	
06/08/2017 Work Performed By Jonathan Borak	1.25 Hour(s)	

Total for Professional Services 32,218.75





Technical Advisory Service for Attorneys • TASAméd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Aug-04-2017

To: Thomas Locke, Esquire  
Seyfarth Shaw LLP  
975 F Street N.W.  
Washington, DC 20004

Phone: (202) 828-5376  
Fax: (-)  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1148895

	Description	Quantity	Amount
07/05/2017	Work Performed By Librarian	3.00 Hour(s)	
07/05/2017	Work Performed By Jonathan Borak	3.25 Hour(s)	
07/06/2017	Work Performed By Jonathan Borak	1.50 Hour(s)	
07/07/2017	Work Performed By Jonathan Borak	3.75 Hour(s)	
07/10/2017	Work Performed By Librarian	0.50 Hour(s)	
07/10/2017	Work Performed By Librarian	0.50 Hour(s)	
07/13/2017	Work Performed By Jonathan Borak	4.25 Hour(s)	
07/14/2017	Work Performed By Jonathan Borak	3.00 Hour(s)	
Total for Professional Services			<u>10,548.25</u>



Technical Advisory Service for Attorneys • TASAmEd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Sep-06-2017

To: Thomas Locke, Esquire  
Seyfarth Shaw, LLP  
975 F Street N.W.  
Washington, DC 20004

Phone: (202) 828-5376  
Fax: (-)  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1149534

	Description	Quantity	Amount
08/01/2017	Work Performed By Librarian	3.50 Hour(s)	
08/01/2017	Work Performed By Jonathan Borak	2.00 Hour(s)	
08/02/2017	Work Performed By Librarian	1.50 Hour(s)	
08/02/2017	Work Performed By Jonathan Borak	5.00 Hour(s)	
08/03/2017	Work Performed By Jonathan Borak	4.50 Hour(s)	
08/07/2017	Work Performed By Librarian	0.50 Hour(s)	
08/08/2017	Work Performed By Jonathan Borak	2.00 Hour(s)	
Total for Professional Services			<u>9,161.50</u>

DL

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmcd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Oct-04-2017

To: Thomas Locke, Esquire  
Seyfarth Shaw, LLP  
975 F Street N.W.  
Washington, DC 20004

Phone: (202) 828-5376  
Fax: ( )-  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1150307

Description	Quantity	Amount
09/01/2017 to 09/14/2017 Work Performed by Librarian	7.50 Hour(s)	
09/01/2017 to 09/14/2017 Work Performed by Jonathan Borak	14.00 Hour(s)	
Total for Professional Services		<u>9,605.00</u>

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmед • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Nov-07-2017

To: Thomas Locke, Esquire  
Seyfarth Shaw, LLP  
975 F Street N.W.  
Washington, DC 20004

Phone: (202) 828-5376  
Fax: (-)  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1151106

	Description	Quantity
10/02/2017	Work Performed By Jonathan Borak	3.75 Hour(s)
10/02/2017 to 10/18/2017	Work Performed By Librarian	3.50 Hour(s)
10/03/2017	Work Performed By Jonathan Borak	2.50 Hour(s)

Total for Professional Services **4,296.75**

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmcd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: May-14-2018

To: Thomas Locke, Esq.  
Seyfarth Shaw LLP  
975 F Street, N. W.  
Washington, DC 20004

Phone: (202) 828-5376  
Fax: ()  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1154914

	Description	Quantity	Amount
04/28/2018	Work Performed By Jonathan Borak	1.75 Hour(s)	
04/30/2018	Work Performed By Jonathan Borak	0.25 Hour(s)	
Total for Professional Services			<u>1,310.00</u>

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmEd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: May-16-2018

To: Thomas Locke, Esquire  
Seyfarth Shaw, LLP  
975 F Street N.W.  
Washington, DC 20004

Phone: (202) 828-5376  
Fax: ()  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1154973

Description	Quantity	Amount
03/31/2018 to 04/11/2018 Work Performed By Jonathan Borak	21.00 Hour(s)	
04/02/2018 Work Performed By Librarian	0.50 Hour(s)	
Total for Professional Services		<u>14,099.00</u>

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmед • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: May-31-2018

To: Thomas Locke, Esquire  
Seyfarth Shaw LLP  
975 F Street N.W.  
Washington, DC 20004

Phone: (202) 828-5376  
Fax: ()  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1155265  
Description Quantity Amount

05/01/2018 to 05/18/2018 Work Performed By Librarian

8.00 Hour(s)

05/01/2018 to 05/18/2018 Work Performed By Jonathan Borak

34.50 Hour(s)

Total for Professional Services 23,061.50

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmед • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Dec-03-2018

To: Thomas Locke, Esquire  
Seyfarth Shaw LLP  
975 F Street N.W.  
Washington, DC 20004

Phone: (202) 828-5376  
Fax: (-)  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1159457

Description		Quantity	Amount
10/01/2018 to 11/30/2018 Work Performed By Librarian		22.00 Hour(s)	
10/01/2018 to 11/30/2018 Work Performed By Jonathan Borak		85.75 Hour(s)	
Total for Professional Services			<u>57,442.25</u>

DL

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmед • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasenet.com • www.tasenet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Jan-14-2019

To: Thomas Locke, Esquire  
Seyfarth Shaw, LLP  
975 F Street N.W.  
Washington, DC 20004

Phone: (202) 828-5376  
Fax: (-)  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation

PLEASE WRITE THIS NUMBER ON YOUR CHECK:

DC-59-0050-1160288

Description	Quantity	Amount
12/18/2018 to 12/27/2018 Work Performed By Jonathan Borak	78.50 Hour(s)	
12/18/2018 to 12/27/2018 Work Performed By Librarian	19.00 Hour(s)	
Total for Professional Services		<u>52,519.50</u>

DL

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named on this or any other matter must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmед • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasamet.com • www.tasamet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Feb-15-2019

To: Thomas Locke, Esquire  
Seyfarth Shaw LLP  
975 F Street N.W.  
Washington, DC 20004

Phone: (202) 828-5376  
Fax: (-)  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1161017  
Description Quantity Amount

01/04/2019 to 01/29/2019 Work Performed By Jonathan Borak

48.50 Hour(s)

01/04/2019 to 01/29/2019 Work Performed By Librarian:

10.00 Hour(s)

Total for Professional Services 32,347.50

DL

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmEd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Mar-15-2019

To: Thomas Locke, Esquire  
Seyfarth Shaw LLP  
975 F Street N.W.  
Washington, DC 20004

Phone: (202) 828-5376  
Fax: (-)  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

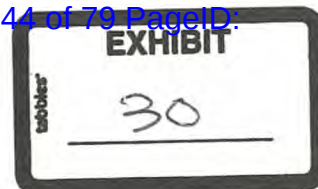
Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1161650

Description		Quantity	Amount
02/01/2019 to 02/22/2019 Services Performed by Librarian		4.50 Hour(s)	
02/01/2019 to 02/25/2019 Services Performed by Jonathan Borak		55.50 Hour(s)	
Total for Professional Services			<u>36,613.50</u>

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAméd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Oct-05-2015



To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1132921

	Description	Quantity	Rate	Amount
08/24/2015 to 09/25/2015	Services performed by Research Assistants: Analysis, research, review, consultation **SEE ATTACHED FOR BREAKDOWN OF SERVICES**	25.00 Hour(s)	90.00	2,250.00
09/02/2015 to 09/28/2015	Services performed by J. Borak: Analysis, research, review, consultation **SEE ATTACHED FOR BREAKDOWN OF SERVICES**	41.50 Hour(s)	655.00	27,182.50
09/03/2015 to 09/28/2015	Services performed by Librarian: Analysis, research, review, consultation **SEE ATTACHED FOR BREAKDOWN OF SERVICES**	6.00 Hour(s)	58.00	348.00
09/04/2015 to 09/11/2015	Services performed by C. Fields: Analysis, research, review, consultation **SEE ATTACHED FOR BREAKDOWN OF SERVICES**	1.50 Hour(s)	300.00	450.00

Subtotal for Professional Services 30,230.50

Waived administrative charge, Courtesy 0.00

Total Amount Due (USD) 30,230.50

cc: Attorney Thomas Locke, Esq.

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.

INVOICE # 10660

Tale Litigation

Professional Services

		<u>Hours</u>
8/24/2015 RA	Review: 34933	1.00
8/25/2015 RA	Review: 34933	2.00
8/30/2015 RA	Develop survey instrument	2.00
9/2/2015 JB	Review: Muscat report; 34930;	4.25
9/3/2015 JB	Review: Muscat report;	2.00
Libr.	Medline searches, download and process articles	0.50
9/4/2015 JB	Meeting: CF, RW; Review: 24742; 34928; 34941; 34944; 34997; 34998; 34999; 35000; 35004; 35009; Prepare: opinions chronology	6.50
Libr.	Medline searches, download and process articles	1.50
CAF	Spreadsheet Development	1.00
9/7/2015 RA	Complete spreadsheet; Review: 34916	2.00
9/8/2015 JB	Review: 35015; 35016;	2.00
Libr.	Medline searches, download and process articles	1.50

Seyfarth Shaw LLP

Page 2

		<u>Hours</u>
9/9/2015 JB	Review: 34916; 34917; 34985; 35020;	2.25
9/10/2015 JB	Review: 34910; 35012; 35014;	2.25
Libr.	Medline searches, download and process articles	1.50
9/11/2015 JB	Phone: T Locke, C Fields	0.50
RA	Review: 34913; 34949; 34915; 34931;	4.50
CAF	Phone: T Locke, J Borak	0.50
9/13/2015 JB	Review: Cramer testimony in re: Berg; trial exhibits	6.00
9/14/2015 JB	Review: 34932; 35041; 35042; NTP talc studies; Update: Chronology	3.00
Libr.	Medline searches, download and process articles	0.50
9/16/2015 RA	Review: 16236; 29886;	1.50
9/18/2015 RA	Review: 34921; 34953; 34954; 34948	4.50
9/21/2015 RA	Review: 34952; 34956; 34957;	2.00
9/23/2015 RA	Review: 34942; 34950; 34941;	3.00
9/24/2015 JB	Email: T Locke; Review: Godelski Testimony in Berg	3.25
9/25/2015 JB	Meeting: RW, CF; Review: case-control summary table	1.25
RA	Review: 34947; 34955; 34998;	2.50
9/27/2015 JB	Review: Muscat testimony (re: Berg); Cramer depo (re: <u>Blaes</u> )	5.25
9/28/2015 JB	Review: Cramer depo (re: <u>Blaes</u> ); 34934; 35083;	3.00
Libr.	Medline searches, download and process articles	0.50
For professional services rendered		<u>74.00</u>

Seyfarth Shaw LLP

Page 3

Consultant Summary	
<u>Name</u>	<u>Hours</u>
Cheryl A. Fields, Senior Scientist; MPH	1.50
Jonathan Borak, M.D.	41.50
Librarian	6.00
Research Assistant	25.00



Technical Advisory Service for Attorneys • TASAmcd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Nov-11-2015

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1133925

	Description	Quantity	Rate	Amount
10/05/2015	Review Rosenthal Depo re: Blaes; NCI PDQ	3.50 Hour(s)	655.00	2,292.50
10/06/2015	Librarian: Medline Searches; download/process articles	0.50 Hour(s)	58.00	29.00
10/06/2015	Review Rosenthal Depo re: Blaes; tale pleurodesis literature	4.00 Hour(s)	655.00	2,620.00
10/07/2015	Librarian: Medline Searches; download/process articles	0.50 Hour(s)	58.00	29.00
10/07/2015	Review: 35106, 35107, 35108, 35109; NTP TALC WEBSITE	2.50 Hour(s)	655.00	1,637.50
Subtotal for Professional Services				6,608.00

Total Amount Due (USD) 6,608.00

Outstanding Invoice Dated 10/05/15 30,230.50

Total Amount Due 36,838.50

cc: Attorney Thomas Locke

DL

Page 1

Cur

of the Expert herein named, on this or any other matter, must be requested through TASA.  
E CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.

File



Technical Advisory Service for Attorneys • TASAmEd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Dec-07-2015

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1134531

Description		Quantity	Rate	Amount
08/19/2015 to 08/31/2015	Services Performed by J. Borak: Telephone conference, review, and meeting **SEE ATTACHED FOR BREAKDOWN OF SERVICES**	36.25 Hour(s)	655.00	23,743.75
08/19/2015 to 08/26/2015	Services Performed by C. Fields: Conference call, literature search, meeting **SEE ATTACHED FOR BREAKDOWN OF SERVICES**	2.25 Hour(s)	300.00	675.00
08/21/2015 to 08/27/2015	Services Performed by Librarian: Medline searches/download and process articles **SEE ATTACHED FOR BREAKDOWN OF SERVICES**	9.50 Hour(s)	58.00	551.00
Subtotal for Professional Services				24,969.75
Total Amount Due (USD)				24,969.75

cc: Thomas Locke, Esq.

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.

# JONATHAN BORAK & COMPANY, INC.

Specialists in Occupational & Environmental Health

Fed ID: 06-1186701

September 08, 2015

Invoice submitted to:

Seyfarth Shaw LLP  
975 F Street, N.W.  
Washington, DC 20004-1454  
ATTN: Thomas Locke, Esq.

INVOICE # 10655

Talc Litigation

## Professional Services

		<u>Hours</u>
8/19/2015 JB	Phone conference: T.Locke, C Fields	0.50
CAF	Conf call: JB, T Locke	0.50
8/20/2015 JB	Review: Ness report	1.50
8/21/2015 JB	Review: Ness report; Ness, 2015; Omiecinski report; IARC Monograph 93;	4.50
Libr.	Medline searches/download and process articles	5.50
8/23/2015 JB	Review: Huncharek report; Muscat 2008; Langseth 2008; IARC Monograph 93;	5.00
8/24/2015 JB	Review: 34911; 34916; 34917; 34927; 34929; 34931; 34947; Prepare: Case-control summaries; Ness deposition	6.50
CAF	Literature search on ovarian cancer and talc	0.75
8/25/2015 JB	Review: Ness deposition;	3.00
Libr.	Medline searches/download and process articles	1.50

Seyfarth Shaw LLP

Page 2

		<u>Hours</u>
8/26/2015 JB	Meeting: CF, RW; Review: Ness deposition; Organize survey of case-control studies;	3.00
CAF	Meeting with JB, Rebecca Wong, RE: ovarian cancer and talc	1.00
Libr.	Medline searches/download and process articles	1.00
8/27/2015 JB	Review: Ness deposition; Omiecinski deposition; 34914; 34919; 34925; 34937; 34941; 34960;	7.00
Libr.	Medline searches/download and process articles	1.50
8/28/2015 JB	Review: Omiecinski deposition and references;	3.00
8/31/2015 JB	Review: Omiecinski deposition and references;	2.25
	<b>For professional services rendered</b>	<u>48.00</u>

# JONATHAN BORAK & COMPANY, INC.

Specialists in Occupational & Environmental Health

Fed ID: 06-1186701

February 09, 2016

Invoice submitted to:

**Seyfarth Shaw LLP**  
975 F Street, N.W.  
Washington, DC 20004-1454  
ATTN: Thomas Locke, Esq.

**INVOICE # 10696**

## Talc Litigation

### Professional Services

		<u>Hours</u>	<u>Amount</u>
1/27/2016 JB	Phone conference: T Locke, C Fields; Emails: T Locke; Review: document set #2	1.50	802.50
CAF	Conf call: Tom Locke, JB, re: new materials and update	0.75	187.50
1/29/2016 JB	Review: Ness re: Fox (report and deposition)	2.25	1,203.75
1/31/2016 JB	Review: Ness re: Fox (report and deposition)	4.00	2,140.00
<b>For professional services rendered</b>		<b>8.50</b>	<b>\$4,333.75</b>

### Consultant Summary

<u>Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Cheryl A. Fields, Senior Scientist; MPH	0.75	250.00	\$187.50
Jonathan Borak, M.D.	7.75	535.00	\$4,146.25



Technical Advisory Service for Attorneys • TASAmcd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Mar-14-2016

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1136960

Description		Quantity	Rate	Amount
02/01/2016	to 02/27/2016 Work performed by: Senior Scientist/Toxicologis	3.00 Hour(s)	300.00	900.00
02/01/2016	to 02/27/2016 Work performed by: Librarian	7.00 Hour(s)	58.00	406.00
02/01/2016	to 02/27/2016 SEE ATTACHED FOR BREAKDOWN OF SERVICES			
	Work performed by: Dr Borak	114.25 Hour(s)	655.00	74,833.75
Subtotal for Professional Services				76,139.75
Total Amount Due (USD)				<u>76,139.75</u>

CH

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.

# JONATHAN BORAK & COMPANY, INC.

Specialists in Occupational & Environmental Health

Fed ID: 06-1186701

March 11, 2016

Invoice submitted to:

Seyfarth Shaw LLP  
975 F Street, N.W.  
Washington, DC 20004-1454  
ATTN: Thomas Locke, Esq.

INVOICE # 10701

## Talc Litigation

### Professional Services

		Hours
2/1/2016 JB	Review: 35256; 35264; Ness re: Blaes (deposition);	3.50
Libr.	Medline searches/download and process articles	1.00
2/2/2016 JB	Phone: S Izfar; Email: S Izfar; Review: 35262; Ness re: Hancock (report)	3.75
2/3/2016 JB	Review: 34928; Ness re: Pfau(report)	2.50
2/4/2016 JB	Review: 35271; 35272; Rothman, Pastides & Samet; Cramer report re: Fox; Cramer report re: Pfau; Cramer report re: Blaes;	7.50
Libr.	Medline searches/download and process articles	1.50
2/5/2016 JB	Review: 35273; 35274; 35275; Cramer report re: Blaes; Cramer report re: Riestesund; Colditz report re: Talc;	5.00
Libr.	Medline searches/download and process articles	1.50
2/6/2016 JB	Review: G Balderamma depo re: Balderamma; Lin depo re: Balderama;	4.00

Seyfarth Shaw LLP

Page 2

		Hours
2/8/2016 JB	Review: 35278; 35280; Berkowitz depo re: Balderamma; Steinberg report re: Blaes; Hoel depo re: Blaes;	7.50
2/9/2016 JB	Review: 25533; 34927; 34944; 35279; 35283; 35285; Hoel depo re: Blaes;	5.75
Libr.	Medline searches/download and process articles	0.50
2/10/2016 JB	Review: 34930; 35286; 35287; 35288; Prepare: DR chronology	7.00
Libr.	Medline searches/download and process articles	0.50
2/11/2016 JB	Email: T Locke; A Detherage; Review: 352376; 35293; Ness depo re: Pfau; Rosenthal report re: Berg; Prepare: DR chronology	8.00
Libr.	Medline searches/download and process articles	0.50
2/12/2016 JB	Phone: T Locke (2); Email: T Locke; Report preparation	7.50
2/13/2016 JB	Review: Cramer depo re: Ristensund; Report preparation	2.75
2/14/2016 JB	Review: 35296; Cramer depo re: Blais; Colditz depo re: Hogan (vol 1); Report preparation;	5.00
2/15/2016 JB	Review: 35296; Colditz depo re: Hogan (vol 1 & 2); Websites (CDC, NCI, ACS, YourDiseaseRisk.com, HSPH, Brigham); Report preparation	11.00
2/16/2016 JB	Report preparation	3.50
Libr.	Medline searches/download and process articles	1.00
2/17/2016 JB	Phone: T Locke, S Izfar; Report preparation	8.00
2/18/2016 JB	Phone: T Locke, S Izfar; Report preparation	8.00
CAF	Review JB report	2.00
Libr.	Medline searches/download and process articles	0.50

Seyfarth Shaw LLP

Page 3

		<u>Hours</u>
2/19/2016 JB	Email: T Locke, S Izfar; Report preparation	3.75
2/23/2016 JB	Review: E Burton deposition	3.50
2/24/2016 JB	Review: B Carl deposition	2.00
2/25/2016 JB	Phone: T Locke; Review: B Carl deposition	1.75
CAF	Review JB report	1.00
2/27/2016 JB	Review: J Carl deposition	3.00
For professional services rendered		<u>124.25</u>

<u>Name</u>	<u>Consultant Summary</u>	<u>Hours</u>
Cheryl A. Fields, Senior Scientist; MPH		3.00
Jonathan Borak, M.D.		114.25
Librarian		7.00



Technical Advisory Service for Attorneys • TASAmед • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Apr-08-2016

To:



Phone: (202)828-5370  
Fax: (202)828-5393  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1137589

Description		Quantity	Rate	Amount
03/03/2016	to 03/18/2016 Phone call with attorney, review and email **SEE ATTACHED FOR BREAKDOWN OF SERVICES**	10.25 Hour(s)	655.00	6,713.75
Subtotal for Professional Services				6,713.75
Total Amount Due (USD)				6,713.75
Applied Monies Received 05/10/16				6,713.75
				----- Paid In Full

DL

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.

# JONATHAN BORAK & COMPANY, INC.

Specialists in Occupational & Environmental Health

Fed ID: 06-1186701

April 05, 2016

Invoice submitted to:

Seyfarth Shaw LLP  
975 F Street, N.W.  
Washington, DC 20004-1454  
ATTN: Thomas Locke, Esq.

**INVOICE # 10704**

## Talc Litigation

### Professional Services

		<u>Hours</u>
3/3/2016 JB	Phone: T Locke	1.00
3/7/2016 JB	Review: NAS: Ovarian Cancers: Evolving Paradigms	4.00
3/11/2016 JB	Review: NAS: Ovarian Cancers: Evolving Paradigms	2.25
3/18/2016 JB	Email: T Locke; Review: 35347; 35349; 35351; 35352	3.00

**For professional services rendered**

**10.25**

### Consultant Summary

<u>Name</u>	<u>Hours</u>
Jonathan Borak, M.D.	10.25



Technical Advisory Service for Attorneys • TASAmEd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: May-20-2016

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1138712

	Description	Quantity	Rate	Amount
04/01/2016	Services Performed by Librarian: Medline searches/download and process articles	0.50 Hour(s)	58.00	29.00
04/05/2016	Services Performed by Librarian: Medline searches/download and process articles	2.00 Hour(s)	58.00	116.00
04/12/2016	Services Performed by Jonathan Borak: Review: 35368; 35379; update Chronology of Opinions	2.00 Hour(s)	655.00	1,310.00
04/13/2016	Services Performed by Jonathan Borak: Review: 35363; 35365; 35368; update Chronology of Opinion	2.00 Hour(s)	655.00	1,310.00
04/22/2016	Services Performed by Librarian: Medline searches/download and process articles	1.00 Hour(s)	58.00	58.00
Subtotal for Professional Services				2,823.00
Total Amount Due (USD)				2,823.00

cc: Thomas Locke, Esq.

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmед • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Jun-14-2016

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1139284

	Description	Quantity	Rate	Amount
05/01/2016	Medline searches/download and process articles	3.50 Hour(s)	655.00	2,292.50
05/02/2016	Email; Attorney Locke; review: April Tale/Ovarian CA literature search; review 35400; 35401; 35403; 35404; 35406; 35407	4.50 Hour(s)	655.00	2,947.50
05/04/2016	Email; T Locke; review: April Tale/Ovarian CA literature search; review 35402; 35405; 35408; 35409; 35411	3.00 Hour(s)	655.00	1,965.00

Subtotal for Professional Services 7,205.00

Total Amount Due (USD) 7,205.00

cc: Thomas Locke, Esq.

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmед • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Jul-13-2016

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1140051

Description		Quantity	Rate	Amount
06/01/2016 to 06/06/2016	Medline searches/download and process articles (6/1, 6/2, 6/3, 6/6)	8.50 Hour(s)	58.00	493.00
06/01/2016	Email; T. Locke; May Talc/EOC literature; review: 35296; 35506; 35507; 33509; 33510	4.00 Hour(s)	655.00	2,620.00
06/02/2016	Review: 35357; 35511; 33512; 35313; 35314; 33515	4.00 Hour(s)	655.00	2,620.00
06/08/2016	Phone: T. Locke	1.00 Hour(s)	655.00	655.00

Subtotal for Professional Services 6,388.00

Total Amount Due (USD) 6,388.00

Open Invoice Dated 06/14/16 7,205.00

Total Amount Due 13,593.00

cc: Thomas Locke, Esq.

DL

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.

# JONATHAN BORAK & COMPANY, INC.

Specialists in Occupational & Environmental Health

Fed ID: 06-1186701

July 12, 2016

Invoice submitted to:

**Seyfarth Shaw LLP**  
975 F Street, N.W.  
Washington, DC 20004-1454  
ATTN: Thomas Locke, Esq.

**INVOICE # 10729**

## Talc Litigation

### Professional Services

		<u>Hours</u>
6/1/2016 JB	Email: T Locke; May Talc/EOC literature; Review: 35296; 35506; 35507; 33509; 33510;	4.00
Libr.	Medline searches/download and process articles	4.00
6/2/2016 JB	Review: 35357; 35511; 33512; 35313; 35314; 33515;	4.00
Libr.	Medline searches/download and process articles	3.50
6/3/2016 Libr.	Medline searches/download and process articles	0.50
6/6/2016 Libr.	Medline searches/download and process articles	0.50
6/8/2016 JB	Phone: T Locke	1.00
<b>For professional services rendered</b>		<u>17.50</u>



Technical Advisory Service for Attorneys • TASAmcd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasamet.com • www.tasamet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Aug-03-2016

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1140514

	Description	Quantity	Rate	Amount
07/01/2016	Services Performed by Librarian: Medline searches/download and process articles	0.50 Hour(s)	58.00	29.00
07/05/2016	Services Performed by Librarian: Medline searches/download and process articles	2.50 Hour(s)	58.00	145.00
07/06/2016	Services Performed by Librarian: Medline searches/download and process articles	0.50 Hour(s)	58.00	29.00
07/07/2016	Services Performed by Jonathan Borak: Email: Attorney Locke, review, June Talc/Ovarian Cancer Literature search, review: 35400; 35573; Prepare report	2.75 Hour(s)	655.00	1,801.25
07/08/2016	Services Performed by Jonathan Borak: Review: 35278; 35403; 35574; 35575; 35581	3.75 Hour(s)	655.00	2,456.25
07/11/2016	Services Performed by Jonathan Borak: Review: 35577; 35578; 35579; 35582; 35583	2.50 Hour(s)	655.00	1,637.50
07/15/2016	Services Performed by Jonathan Borak: Review: Ristensund testimony of J. Godelski (Vol. 1)	2.50 Hour(s)	655.00	1,637.50
07/18/2016	Services Performed by Jonathan Borak: Review: Ristensund testimony of Godelski (Vol. 2); 34922; 23923; 34944; 35229; 33297; Langseth '07; LARC 100c	4.00 Hour(s)	655.00	2,620.00



Technical Advisory Service for Attorneys • TASAmед • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasamet.com • www.tasamet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Aug-03-2016

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1140514

	Description	Quantity	Rate	Amount
07/19/2016	Services Performed by Jonathan Borak: Review; Ristensund testimony of D. Cramer (Vol. 2) 35000	2.00 Hour(s)	655.00	1,310.00
07/20/2016	Services Performed by Jonathan Borak: Review; Ristensund testimony of D. Cramer (Vol. 2) 34919; 34925; 34947; 35256	3.50 Hour(s)	655.00	2,292.50
07/21/2016	Services Performed by Jonathan Borak: Review; Ristensund testimony of D. Cramer (Vol. 3) 34930; 34956; 35282; 35598	5.25 Hour(s)	655.00	3,438.75
07/21/2016	Services Performed by Librarian: Medline searches/download and process articles	0.50 Hour(s)	58.00	29.00
07/22/2016	Services Performed by Jonathan Borak: Review; Ristensund testimony of D. Cramer (Vol. 4)	1.00 Hour(s)	655.00	655.00
07/24/2016	Services Performed by Jonathan Borak: Review; Ristensund testimony of RJ Kurman (Vol. 1)	2.00 Hour(s)	655.00	1,310.00
07/25/2016	Services Performed by Jonathan Borak: Review; Ristensund testimony of RJ Kurman (Vol. 1) 35598; 35599	3.00 Hour(s)	655.00	1,965.00

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmcd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Aug-03-2016

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1140514

	Description	Quantity	Rate	Amount
07/25/2016	Services Performed by Librarian: Medline searches/download and process articles	0.50 Hour(s)	58.00	29.00
07/26/2016	Services Performed by Jonathan Borak: Review: Ristensund testimony of RJ Kurman (Vol. 1) 35608; 35609	2.25 Hour(s)	655.00	1,473.75
07/26/2016	Services Performed by Librarian: Medline searches/download and process articles	1.00 Hour(s)	58.00	58.00
07/28/2016	Services Performed by Jonathan Borak: Review: Ristensund testimony of K. Barnhart (Vol. 1) 34927; 34930; 34960; 35000	4.50 Hour(s)	655.00	2,947.50
07/28/2016	Services Performed by Librarian: Medline searches/download and process articles	0.50 Hour(s)	58.00	29.00

Subtotal for Professional Services 25,893.00

Total Amount Due (USD) 25,893.00

cc: Thomas Locke, Esq.

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmEd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Sep-13-2016

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1141533  
Description Quantity Rate Amount

08/01/2016 to 08/11/2016 Emails, review testimony and review literature on Talc  
and Ovarian Cancer  
\*\*SEE ATTACHED FOR BREAKDOWN OF SERVICES\*\*  
16.75 Hour(s) 655.00 10,971.25

Subtotal for Professional Services 10,971.25

Total Amount Due (USD) 10,971.25

cc: Thomas Locke, Esquire

DL

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.

# JONATHAN BORAK & COMPANY, INC.

Specialists in Occupational & Environmental Health

Fed ID: 06-1186701

September 06, 2016

Invoice submitted to:

Seyfarth Shaw LLP  
975 F Street, N.W.  
Washington, DC 20004-1454  
ATTN: Thomas Locke, Esq.

INVOICE # 10736

## Talc Litigation

### Professional Services

		Hours
8/1/2016 JB	Email: T Locke; Review: Ristensund Testimony of K Barnhart (vol 2); 34917; 34958; 34959; 35296; 35614; 35615;	4.50
8/4/2016 JB	Email: T Locke; Review: July literature on Talc and Ovarian Cancer	1.50
8/5/2016 JB	Review: 35617; 35619; 35626; 35627; 35630; 35631; 35632;	3.00
8/9/2016 JB	Review: Ristensund Testimony of L Chodosh (vol 1);	2.25
8/11/2016 JB	Review: Ristensund Testimony of L Chodosh (vol 2); 34912; 34914; 35000; 35014; 35637;	5.50
For professional services rendered		16.75

### Consultant Summary

Name	Hours
Jonathan Borak, M.D.	16.75



Technical Advisory Service for Attorneys • TASAmед • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Oct-07-2016

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1142089

	Description	Quantity	Rate	Amount
09/01/2016	Medline searches/download and process articles	0.50 Hour(s)	58.00	29.00
09/02/2016	Medline searches/download and process articles	2.50 Hour(s)	58.00	145.00
09/08/2016	August NLM Lit. Search; Review: 35507, 35689	2.75 Hour(s)	655.00	1,801.25
09/09/2016	Review: 35575, 35624, 35625, 35684, 35685, 35690	3.25 Hour(s)	655.00	2,128.75
09/12/2016	Review: 35686, 35687, 35688	2.00 Hour(s)	655.00	1,310.00
Subtotal for Professional Services				5,414.00
Administrative charge waived				0.00
Total Amount Due (USD)				5,414.00

cc: Attorney Thomas Locke

DL

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmед • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Nov-02-2016

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1142774

Description	Quantity	Rate	Amount
Literature Search, Review, Email, Review: Kemp Hearing Day **SEE ATTACHED FOR BREAKDOWN OF SERVICES**	45.50 Hour(s)	655.00	29,802.50
Medline Searches and Process **SEE ATTACHED FOR BREAKDOWN OF SERVICES**	5.00 Hour(s)	58.00	290.00
Subtotal for Professional Services			30,092.50

Total Amount Due (USD) 30,092.50

Open Invoice Dated 10/07/16 5,414.00

TOTAL AMOUNT DUE 35,506.50

cc: Attorney Thomas Locke

DL

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.

# JONATHAN BORAK & COMPANY, INC.

Specialists in Occupational & Environmental Health

Fed ID: 06-1186701

November 01, 2016

## INVOICE # 10753

### Talc Litigation

#### Professional Services

		<u>Hours</u>
10/3/2016 Libr.	Medline searches/download and process articles	0.50
10/4/2016 JB	September NLM lit search; Review: 35402; 35626;	2.25
Libr.	Medline searches/download and process articles	2.50
10/5/2016 JB	Email: T Locke; 35768; 35769; 35770; 35771; 35772; 35773; 35774; 35775; 35776;	5.00
Libr.	Medline searches/download and process articles	0.50
10/12/2016 JB	Review: Kemp Hearing Day #1 (Dr. Cramer)	6.00
10/13/2016 JB	Review: Kemp Hearing Day #2 (Dr. Godleski); 35800; update report and chronology	5.50
Libr.	Medline searches/download and process articles	0.50
10/14/2016 JB	Phone: T Locke; Review: Kemp Hearing Day #3 (Dr. Weed); 35614; 35614; 5615; update report and chronology	6.75
10/17/2016 JB	Review: 35805;	0.75

Seyfarth Shaw LLP

Page 2

		<u>Hours</u>
10/17/2016	Libr. Medline searches/download and process articles	0.50
10/18/2016	JB Review: Kemp Hearing Day #4 (Dr. Cunningham; Ms. Schumacher)	4.00
10/19/2016	JB Review: Kemp Hearing Day #6 (Dr. Colditz)	1.50
10/20/2016	JB Review: Kemp Hearing Day #6 (Dr. Colditz); 34954; 35827;	4.00
	Libr. Medline searches/download and process articles	0.50
10/23/2016	JB Review: Kemp Hearing Day #5 (Dr. Omiecinski; Mr. Steinberg);	1.50
10/24/2016	JB Review: Kemp Hearing Day #5 (Dr. Omiecinski; Mr. Steinberg); Opinion of Judge Johnson (09/02/16); 35042;	4.25
10/31/2016	JB Review: Colditz Oules expert report (10/05/16) Siemiatycki Oules expert report (10/04/16); Revise: chronology of opinions	4.00
<b>For professional services rendered</b>		<u>50.50</u>



Technical Advisory Service for Attorneys • TASAmcd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Jan-12-2017

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1144430

	Description	Quantity	Rate	Amount
12/02/2016	Medline searches/download and process articles	0.50 Hour(s)	58.00	29.00
12/05/2016	Review: November NLM searches	1.00 Hour(s)	655.00	655.00
12/05/2016	Medline searches/download and process articles	1.50 Hour(s)	58.00	87.00
12/06/2016	Email: T. Locke; Review: 35967; 35968; 35969; 35970; 35971; 35972; 35973; 35974	5.50 Hour(s)	655.00	3,602.50
12/08/2016	Email: T. Locke; Review: Ovarian CA websites	1.00 Hour(s)	655.00	655.00
12/09/2016	Medline searches/download and process articles	0.50 Hour(s)	58.00	29.00
12/13/2016	Phone: T. Locke	0.75 Hour(s)	655.00	491.25
12/22/2016	Review: Siemiatycki depo #1; Siemiatycki report	3.00 Hour(s)	655.00	1,965.00
12/23/2016	Review: Siemiatycki depo #1; Siemiatycki report; 35981	4.50 Hour(s)	655.00	2,947.50
12/27/2016	Review: Siemiatycki depo #2; Siemiatycki report; 35510	5.50 Hour(s)	655.00	3,602.50



Technical Advisory Service for Attorneys • TASAmEd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Jan-12-2017

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1144430

Description	Quantity	Rate	Amount
Subtotal for Professional Services			14,063.75
Total Amount Due (USD)			14,063.75

cc: Attorney Thomas Locke

DL

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmEd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Feb-06-2017

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1144951

Description		Quantity	Rate	Amount
01/03/2017 to 01/31/2017 Review, email, and revise report				
**SEE ATTACHED FOR BREAKDOWN OF SERVICES**				
		21.75 Hour(s)	655.00	14,246.25
Subtotal for Professional Services				14,246.25
Total Amount Due (USD)				14,246.25

cc: Thomas Locke, Esq.

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.

# JONATHAN BORAK & COMPANY, INC.

Specialists in Occupational & Environmental Health

Fed ID: 06-1186701

February 03, 2017

Invoice submitted to:

Seyfarth Shaw LLP  
975 F Street, N.W.  
Washington, DC 20004-1454  
ATTN: Thomas Locke, Esq.

INVOICE # 10774

## Talc Litigation

### Professional Services

		Hours
1/3/2017 JB	Review: December NLM searches; 35983; 35984; 35985; 35986; 35987; 35989;	4.75
1/9/2017 JB	Email: T Locke; Review: Cramer deposition re: Oules	6.00
1/10/2017 JB	Revise report	0.75
1/12/2017 JB	Email: T Locke; Review: Godleski deposition re: Oules; Godleski report; 36008;	4.50
1/17/2017 JB	Review: 35263; Revise: report	3.25
1/31/2017 JB	Review: January NLM searches; Review: 36032; 36033; 35770; Prepare: memo re: Bargo meta-analysis	2.50

For professional services rendered

21.75

### Consultant Summary

Name	Hours
Jonathan Borak, M.D.	21.75



Technical Advisory Service for Attorneys • TASAmcd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Mar-22-2017

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1145954

	Description	Quantity	Rate	Amount
02/01/2017	Medline searches/download and process articles - Librarian	4.50 Hour(s)	58.00	261.00
02/01/2017	Review Whittemore et al and calculate weighted relative risk; review JB comparison between Berge and Langseth meta-analyses - CAF	2.00 Hour(s)	300.00	600.00
02/02/2017	Review Berge et al; and Terry et al; Merritt et al - CAF	3.00 Hour(s)	300.00	900.00
02/02/2017	Review 36034, 36036, 36037, 36038, and 36039; prepare memo and excel table regarding Berge meta-analysis - JB	4.00 Hour(s)	655.00	2,620.00
02/02/2017	Medline searches/download and process articles - Librarian	0.50 Hour(s)	58.00	29.00
02/03/2017	Email; Attorney Locke; prepare memo and excel table regarding Berge meta-analysis - JB	4.00 Hour(s)	655.00	2,620.00
02/03/2017	Review JB revised documents regarding comparison between Berge, Langseth and Semiateki meta-analyses; review Cramer 2016 - CAF	2.25 Hour(s)	300.00	675.00
02/08/2017	Telephone call with Attorney Locke - JB	0.75 Hour(s)	655.00	491.25



Technical Advisory Service for Attorneys • TASAmEd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Mar-22-2017

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1145954

	Description	Quantity	Rate	Amount
02/10/2017	Review CDC FDQ – JB	1.50 Hour(s)	655.00	982.50
02/10/2017	Medline searches/download and process articles – Librarian	1.00 Hour(s)	58.00	58.00
02/28/2017	Medline searches/download and process articles – Librarian	0.50 Hour(s)	58.00	29.00

Subtotal for Professional Services 9,265.75

Total Amount Due (USD) 9,265.75

Applied Monies Received 04/27/17 9,265.75

PAID IN FULL

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmEd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasanet.com • www.tasanet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: Apr-05-2017

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Medical Claim v. [Trade Assn Talc Litigation, MT003639]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1146276

Description		Quantity	Rate	Amount
03/01/2017 to 03/03/2017	Services Performed by Librarian Medline searches/download and process articles	2.50 Hour(s)	58.00	145.00
03/02/2017 to 03/03/2017	Services Performed by Jonathan Borak Review February NLM searches, review and revise summary	6.75 Hour(s)	655.00	4,421.25
03/07/2017	Services Performed by Jonathan Borak Review and revise report	2.00 Hour(s)	655.00	1,310.00
03/08/2017	Services Performed by Jonathan Borak Telephone call with Attorney Locke (2); review and revise report	3.00 Hour(s)	655.00	1,965.00
03/09/2017	Services Performed by Jonathan Borak Emails: Attorney Locke (2); review and revise report	1.50 Hour(s)	655.00	982.50
03/10/2017	Services Performed by Jonathan Borak Telephone call and emails: Attorney Locke; review and revise report	3.25 Hour(s)	655.00	2,128.75
Subtotal for Professional Services				10,952.50
Total Amount Due (USD)				10,952.50

KSB

Page 1 of 1

cc: Thomas Locke, Esq.

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.



Technical Advisory Service for Attorneys • TASAmcd • TASconsulting

Headquarters: 1166 DeKalb Pike • Blue Bell, PA 19422-1853 • 610-275-8272 • 800-523-2319 • Fax: 800-329-8272  
experts@tasamet.com • www.tasamet.com • United Kingdom: 0800-89-1292

Please make payment to The TASA Group, Inc. and return with one copy to the above address.

Invoice Date: May-03-2017

To:



Phone: (312)822-1938  
Fax: (888)262-1276  
Fed. I.D.#: 23-1569731

RE: Re: Medical Claim v. [Trade Association]

Expert: Jonathan B. Borak, M.D.

Terms: Payable Upon Presentation PLEASE WRITE THIS NUMBER ON YOUR CHECK: DC-59-0050-1146936

Description		Quantity	Rate	Amount
04/03/2017 to 04/04/2017	Medline searches/download and process articles	2.00 Hour(s)	58.00	116.00
04/05/2017	Telephone: S. Wells, email Attorney Locke; S. Wells, March literature search and review 36009, 36100, 36103 & 36106	4.00 Hour(s)	655.00	2,620.00
04/10/2017	Review 36101; 36102	1.00 Hour(s)	655.00	655.00
Subtotal for Professional Services				3,391.00
Total Amount Due (USD)				3,391.00

cc: Thomas Locke, Esq.

KSB

Page 1 of 1

Consistent with the Expert's agreement with TASA, any further services of the Expert herein named, on this or any other matter, must be requested through TASA.  
WE APPRECIATE YOUR BUSINESS. PLEASE CALL US AGAIN THE NEXT TIME YOU NEED AN EXPERT.